

Agenda Item: 6
Meeting Date: September 8, 2005

Revised 9-6-05

REVITALIZING CALFED

Summary: Staff from the California Bay-Delta Authority will provide an update on the activities called for in the Governor's May Revision to the 2005-06 State Budget. Information will be provided on the overall process and timeline, independent review, refocusing and priority setting and financing and capital improvements.

Recommended Action: This is an information item only.

Background

On May 13 the Governor released his May Revision of the 2005-06 State Budget. In the May Revision, the Governor laid out a three-point plan to "allow the CALFED Program to move forward and focus on addressing the highest priority issues associated the conflicts in the Delta" (Attachment 1). The three points include:

1. Independent Review
2. Refocusing and Program Priorities
3. Financing

Authority staff will provide an update on the status of each of the three areas of activities.

- 1. Independent Review** - Consistent with the recommendations of the California Performance Review, the Governor's May Budget Revision calls for an independent program and fiscal review of the CALFED Program to ensure accountability, highlight accomplishments, determine Program status, and guide adjustments to the Program.

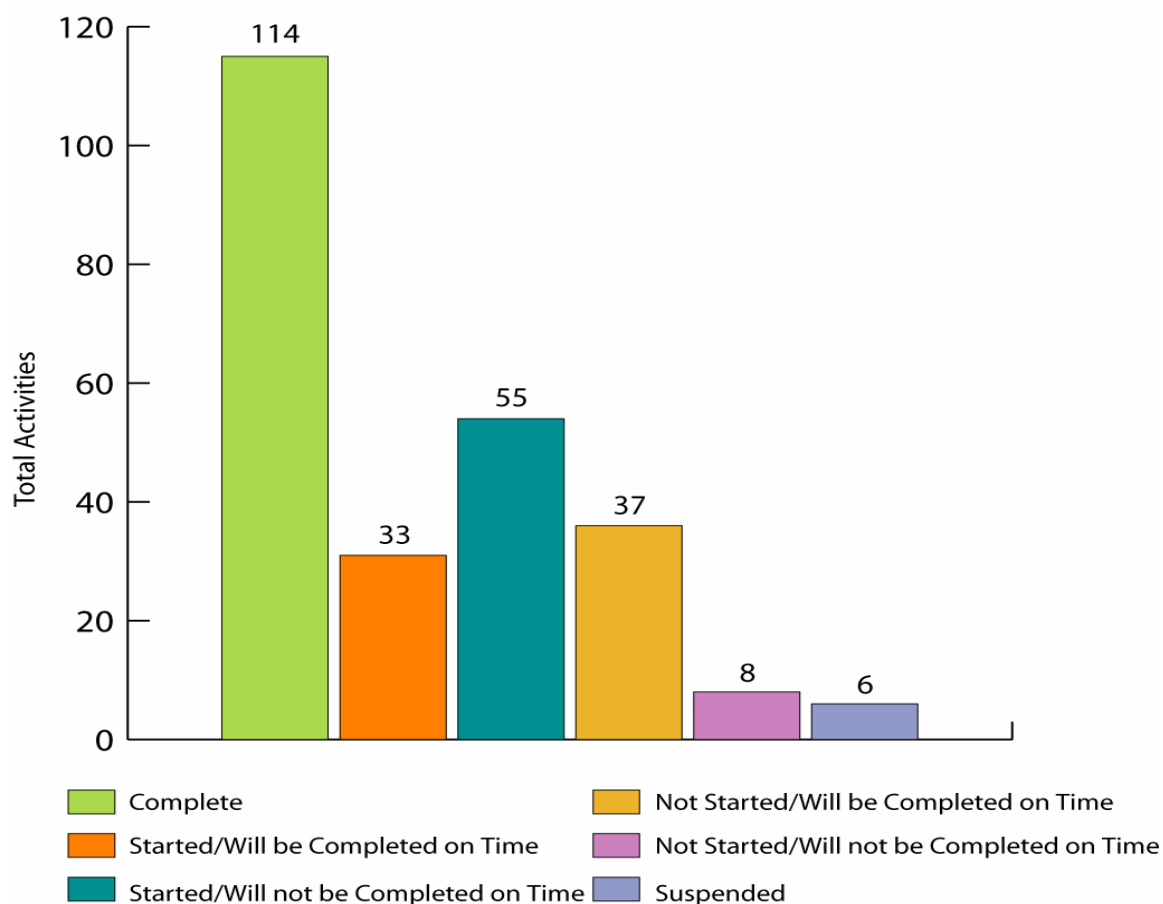
The intent is to account for where the Program is in implementing the Record of Decision (ROD) and to significantly increase the Program's effectiveness through Stage I and beyond. The scope of this activity includes:

ROD Activities. As a part of the effort to determine the accomplishments and status of the CALFED Program for the independent review, the status of the activities listed in the ROD was reviewed and updated by Authority and implementing agency staffs.

The following information was collected from the implementing agencies on the status of 253 ROD activities and is depicted in Figure 1:

- 114 are complete;
- 33 are started and will be completed on time;
- 55 are started but completion date has changed;
- 37 have not started but they will be completed on time;
- 8 have not started and their completion date has changed; and
- 6 activities were suspended.

Figure 1 Status Summary of ROD Activities



The complete report on the status of ROD activities is attached (Attachment 2).

Fiscal Review. The Department of Finance (Finance) has coordinated with various CALFED implementing agencies to review General Funds appropriated since the ROD was adopted in August 2000; State bond funds directed to the CALFED Program (Propositions 12, 13, 50 and 204); Federal funds appropriated to the CALFED Program, including funds from the initial Federal authorization (pre-ROD), and since the ROD; and local funds used to implement the CALFED Program since the ROD or those associated with grants from the State bond funds. Finance expects to have a draft report on Program expenditures through the 2003-04 State and Federal fiscal years completed in late-September.

Comprehensive Programmatic Review and Evaluation. Finance has interviewed managers of the various implementing agencies for all the Program elements. Finance will have a draft report on the status and progress of the various Program elements completed in mid-September. Implementing agencies will have the opportunity to review the draft for the sole purpose of adding clarity.

Organization and Program Management Review. KPMG Management Consulting was contracted to perform the organization and program management review. The first portion of KPMG's work is to conduct a broad set of interviews with many key CALFED Program participants and stakeholders, and administer a web-based survey to the large community of people interested in the CALFED Program. The interviews and surveys will be completed in mid-September.

In early September, KPMG will commence on the organizational and program management component of the review.

Reviewing Program Governance. The Little Hoover Commission has performed extensive background interviews with CALFED stakeholders which culminated in the August 25, 2005 hearing titled, "*Hearing on History and Purpose.*" Subsequent hearings in September and October will focus on governance, and alternatives and alignment.

2. **Refocusing and Program Priorities** – To address the second of the Governor's three directives, the Authority is undertaking a two-part effort to refocus the CALFED Program and ensure that the highest priority actions are implemented.

Near-Term Priorities. The first part of this refocusing effort will concentrate on near-term priorities, meaning those activities that are to take place over the next two years, through the end of Stage 1. Near-term priorities will identify those actions that must be implemented prior to the end of Stage 1 and are likely to include actions related to through-Delta conveyance, Delta-related ecosystem restoration, and improvements in drinking water quality. The prioritization of these activities will be explored in a stakeholder Refocusing Work Group. Work Group participants include agency representatives and a diverse set of stakeholders who were recruited at the August Bay-Delta Public Advisory Committee (BDPAC) and Authority meetings.

The Work Group has been charged with developing options for prioritizing the near-term CALFED Program actions and will be developing preliminary straw proposals of near-term Program priorities. The Work Group will attempt to identify funding ramifications and call out the potential impact on Stage 1 decisions and ROD commitments. The results of the Work Group deliberations are to be discussed at the September BDPAC and Authority meetings.

Additional small group discussions will be held in September and October, either through the Work Group or through focus-group discussions to be convened by KPMG, as part of its independent review effort, to further refine CALFED priorities.

The October and November BDPAC and Authority meetings will be used to further refine CALFED priorities, integrate the results from the independent review and reach agreement on a recommended set of actions to be funded over the next two years. Additional workshops will be held as necessary, to ensure broad public input into the discussions.

Delta Vision. The second part of the refocusing effort will concentrate on actions that are to take place after Stage 1 as part of a 10-Year Plan. Because many of these activities are dependant on Stage 1 decisions, the later portion of the 10-Year Plan is expected to contain much less detail than the near-term portion. To help develop the interim activities, staff intends to develop the scope of a "Delta Visioning" process – to be conducted during 2006 – that will develop various scenarios for the Delta and analyze the costs, benefits, and relative risks of these scenarios. Staff will develop this scope in consultation with the Lead Scientist and members of the Independent Science Board.

3. **Financing** – The finance component builds upon the priorities and actions identified in the refocusing effort and the regulatory commitments – user-contributions negotiations. In the near-term, available funding will be identified to support priority actions, and gaps in funding will be identified. Identifying new funding for near-term priority actions for programs such as Delta Improvement Actions, Ecosystem Restoration Program (ERP) and Environmental Water Account (EWA) will be a key part of the finance plan. Discussions relative to user contributions for the ERP and EWA along with regulatory commitments are on-going among the parties with an interest.

At the September meeting, Authority staff will provide an overview of the process and schedule for discussing program costs and benefits, user contributions, and regulatory commitments. At this time it is expected that at the October and November Authority meetings, after the refocusing effort and regulatory commitments negotiations are further along, finance information (including costs and benefits) will be presented and discussed with the Authority and BDPAC.

Fiscal Information

N/A

List of Attachments

Attachment 1 – Governor's May 2005 Budget Revision for CALFED

Attachment 2 – Summary Report on the Status of ROD Commitments (Revised 9/6/05)

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Resources and Energy

CALFED Bay-Delta Program

Effective management of our water resources is essential to the future of California's economy and environment. The recently released public review draft of the California Water Plan outlines a new vision for California's water resources. The Water Plan recognizes our progress and provides a framework to build upon past accomplishments. It identifies many important water management strategies throughout the state that must be developed, maintained, and financed to meet the needs of Californians into the 21st century. The Secretary for Resources has been directed to work with the Secretaries for Food and Agriculture, Environmental Protection, and the Chair of the California Bay-Delta Authority to develop a long-term strategy for stable water resource investment funding. This long-term funding strategy will ensure that we continue to improve water supply reliability, protect water quality, and restore our ecosystems to support California's needs.

The CALFED Bay-Delta Program continues to play an important role in meeting California's future water needs. CALFED must be a part of the long-term water resource investment strategy for the state. Consistent with the commitment in the Governor's Budget, a three-point plan has been developed that will allow the CALFED Program to move forward and focus on addressing the highest priority issues associated with the conflicts in the Delta:

Independent Review—Consistent with the recommendations of the California Performance Review (CPR), the May Revision calls for an independent program and fiscal review of the CALFED Program to ensure accountability, highlight accomplishments, determine program status, and guide adjustments to the Program. The May Revision proposes to increase the Resources Agency budget by \$300,000 for purposes of contracting to support this review.

Program Priorities—Re-focus the efforts of the California Bay-Delta Authority and the other CALFED state agencies on solving conflicts associated with Delta water supply, water quality, levee stability, and the environment. Program priorities will be reinforced in a ten-year action plan as described below.

Financing—The CALFED Program needs a credible budget for the coming year and it needs a clear plan for the next ten years. The Governor is calling for the development of a ten-year action plan, to be developed in coordination with stakeholders and our federal partners. This action plan must focus on solving the highest priority Delta issues, link future water user payments to specific program actions

Expenditures: **Resources and Energy**

that improve water supply reliability, balance statewide actions with regional water management, and include funding from the state, federal, and local levels consistent with the beneficiaries-pay principle. This plan will include payments from water users to the Ecosystem Restoration Program and other programs in proportion to the direct benefits derived.

While the ten-year action plan is being developed, it is essential to have a credible budget for the coming year. This budget must reflect contributions from water users. The May Revision requests an increase of up to \$30 million in reimbursement authority in the budget of the Department of Fish and Game to accommodate user contributions which may be necessary to further the recovery of at-risk native fish.

The federal government is California's partner in the implementation of the CALFED Program. Working with the California Bay-Delta Authority, the Governor plans to request an additional \$40 million in the federal fiscal year 2006 federal budget for the CALFED Program, for a total request of \$100 million.

A major benefit of the CALFED Program has been a reduction in conflict and an increase in certainty regarding program implementation and balance. Over the next two years, water user and federal contributions to support the Program will be focused on actions that support the existing Conservation Agreement as described in the CALFED Record of Decision.

Related Activities—CALFED programs must be further integrated into our resource management efforts. To further this integration, the Governor is directing the CALFED implementing agencies to work diligently on related efforts such as:

- Implementation of the Lower Yuba River Accord to improve environmental conditions for native fish species and provide the first long-term Environmental Water Account asset as directed in Proposition 50.
 - Negotiation of partnerships south of the Delta, including development of long-term EWA assets, in order to produce integrated improvements for water supply reliability, water quality, and ecosystem health.
 - Legacy investment of bond funds to ensure continuing measurable benefits for, and recovery of, at-risk native fish species, and creative assistance for regions as they implement integrated regional water management.
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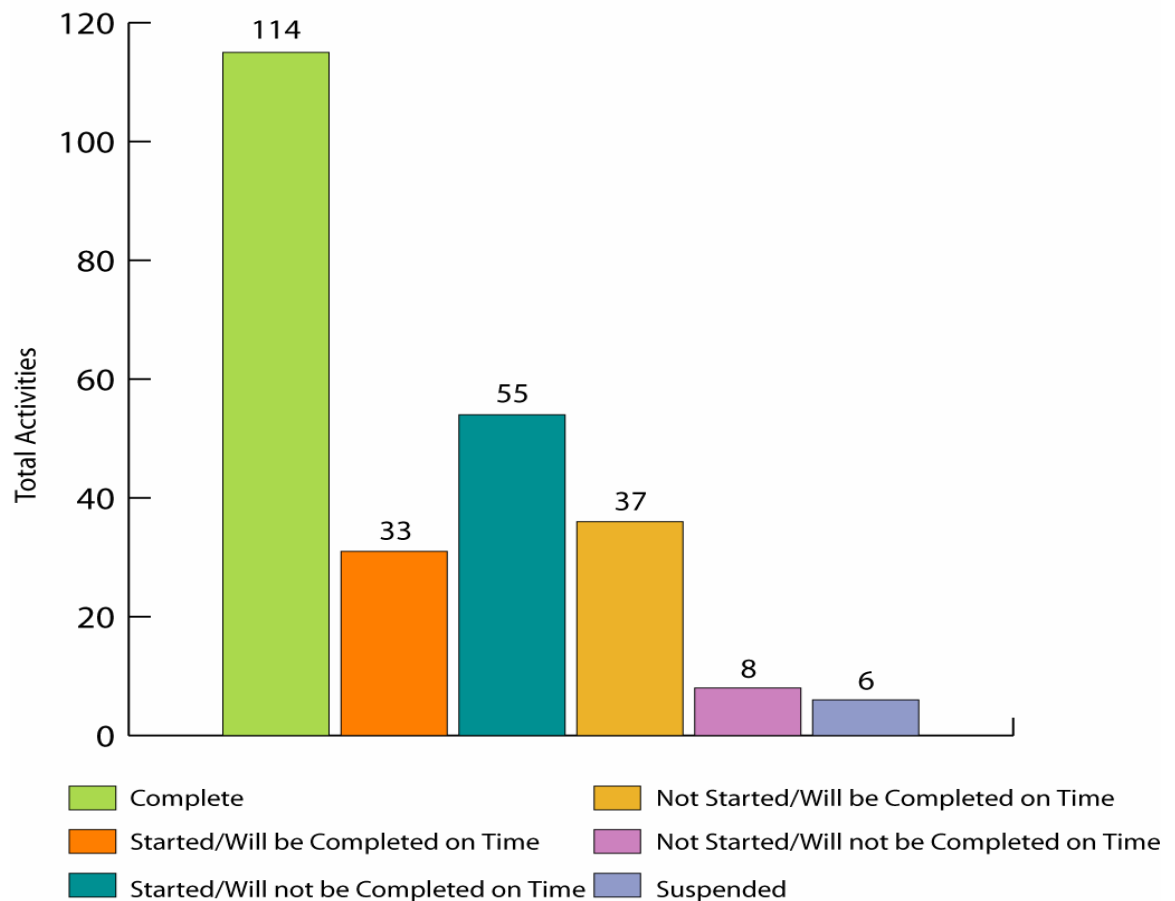
ATTACHMENT 2 (Rev. 9/6/05)

SUMMARY REPORT ON THE STATUS OF RECORD OF DECISION ACTIVITIES

As a part of the Independent Review called for in the Governor's May Revision of the 2005-06 State Budget, the following information was collected on the status of 253 ROD activities and depicted in Figure 1:

- 114 are complete;
- 33 are started and will be completed on time;
- 55 are started but completion date has changed;
- 37 have not started but they will be completed on time;
- 8 have not started and their completion date has changed; and
- 6 activities were suspended.

Figure 1 Status Summary of ROD Activities



There are on-going CALFED Program activities that were not listed in the original ROD activity table. The work being undertaken by the Department of Finance may shed some light on these other activities. If not, additional work with the implementing

agencies and an exhaustive review of the ROD / Environmental Impact Statement/ Environmental Impact Report (EIS/EIR) documents would be necessary. Whether further review of the on-going activities is undertaken or not, a program-wide tracking system should be established and put into place. Such a system would complement specific project tracking maintained by the implementing agencies.

Introduction

No sooner had the ink dried on the CALFED Program Programmatic ROD and its many attachments than a table listing ROD activities and associated due dates was prepared. The table was used, during 2000 and 2001, to track the progress of ROD activities. After 2001, tracking progress on ROD activities was largely left to the each of the 11 individual Program elements.

The Governor's May Revision of the 2005-06 State Budget called for an independent program and fiscal review of the CALFED Program to ensure accountability, highlight accomplishments, determine program status and guide adjustments to the Program. As a part of the effort to help understand what the CALFED Program has accomplished and determine program status, the Authority is looking carefully at the ROD activity table and evaluating the status of the activities listed in the table.

Methods

The original ROD activity table contains a listing of 270 activities that were to be accomplished between the years 2000 – 2007. Each of the 11 Program elements is represented in the table.

To make it easier for a reviewer to focus on a specific Program element, the original ROD activity table was divided into 11 worksheets; one worksheet for each Program element. The worksheets are attached (Attachments A-K).

Initially, specific Program element worksheets were sent to Authority Program Managers. In addition to the worksheets, the Program Managers were given a write-up entitled, "Explanation of Column Headings on ROD Activities Worksheet" (Attachment L).

Program Managers were asked to fill in blank columns on the worksheet, paying particular attention to the "Status" column. When the Program Managers had completed their reviews and updates, the same request was made of the implementing agencies. Authority staff reviewed the updated information and where needed, sought appropriate clarification. Finally, the updated information was summarized.

Results

Table 1 identifies the status of ROD activities across all Program elements. The information is also depicted in Figure 2.

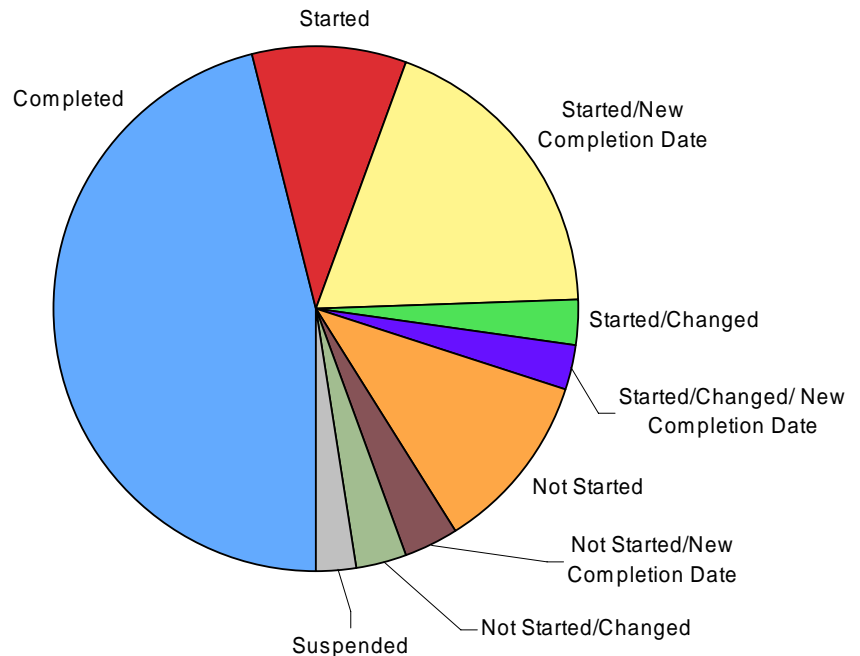
ROD Activity Status	Storage	Conveyance	Water Use Efficiency	Transfers	EWA	Water Quality	Watershed	Levee	Ecosystem Restoration	Science	Oversight and Coordination	Total
Completed	10	15	11	4	14	13	6	2	4	9	26	114
Started		2	1		1	2	2	5	2	2	9	26
Started/New Completion Date	4	9	4		1	9	1	1	18	1		48
Started/Changed	4	2				1						7
Started/Changed / New Completion Date		7										7
Not Started		4	5			6		1		2	11	29
Not Started/New Completion Date	3	3				2						8
Not Started/ Changed	2	4	1						1			8
Not started Changed/New Completion Date												0
Suspended	3			3								6
Total Activities	26	46	22	7	16	33	9	9	25	14	46	253

Table 1. Record of Decision Activities Status Summary by CALFED Program Elements.

Of the total (253) activities:

- 114 have been completed;
- 26 are started and will be completed on-time;
- 48 are started but will not be completed on time;
- 7 are started, have changed and will be completed on-time;
- 7 are started, have changed and will not be completed on time;
- 29 are not started and will be completed on-time;
- 8 are not started and will not be completed on time;
- 8 are not started, have changed and will be completed on-time; and
- 6 have been suspended.

Figure 2. Status - All Activities



Discussion

Difference in number of activities in original table vs. updated worksheets

The difference in numbers of activities displayed in the original ROD Activity Table (270) and the updated worksheets (253) was a result of the following:

- There were a number of duplicate activities listed in the original ROD activity table and they were consolidated;
- There are activities in the various ROD documents that were not included in the ROD activity table. With one exception, they were not added nor included in this status update. The exception was the addition of three activities by the Levee Program; and
- There are activities that required an annual effort, but depicted the work as being completed in a single year. New activities were added for all years in Stage 1.

Not all CALFED activities are listed in the table.

In addition to the ROD activities that were not originally added to the table, there are a number of activities identified as being complete; which would appear to be just the first of several steps that must be taken until the activity is concluded. For example, from the Storage Program, "Fund studies of bypass canal to the San Felipe Unit and related expansion of local storage through Proposition 13" is identified as a completed activity.

Logically, the implementing agencies would be conducting follow-up work that does not appear in the table. A number of activities (10) underway in the ERP program are summary statements for 119 milestone actions which are not listed in the table.

ROD Activities by Program Element That Are Suspended:

Storage

- Expand CVP storage (Shasta Reservoir). Resolve legal issues to allow State agency cooperation.
- Reason Suspended: No Legislative support;
- Develop project plan (In-Delta) that addresses local concerns about effects on neighboring lands and complete any additional needed environmental documentation.
- Reason Suspended: No funding available; and
- Complete environmental review and documentation (In-Delta), obtain necessary authorization and funding, and begin construction.
- Reason Suspended: No funding available

Water Transfers

- State administration will sponsor legislation to clarify State's wheeling laws to increase availability of existing facilities for water transfers.

Reason Suspended: After reviewing existing law the determination was made that no further legislation was required.

- Sponsor legislation to facilitate "wheeling" transactions

Reason Suspended: Same as above.

- Introduce legislative changes

Reason Suspended: Same as above.

Future

This report updates activities in the ROD activity table. As pointed out, there are activities in the original ROD documents that were not included in the table. Additionally, there probably are activities in the Final Programmatic EIS/EIR and its associated documents that were not recorded in the table. Further, it would appear that the table does not list all activities that would logically follow activities listed in the table. Lastly, a few activities listed are a summation of many activities. To better understand the overall status of CALFED activities, the following should be completed:

- A complete search for activities listed in the ROD/EIS/EIR documents; and
- The collection of information from implementing agencies and program plans on activities that are an extension of “completed” activities as well as those noted only in summary fashion.

Regardless of the effort to update the information on the activities, it would be prudent to set up a program-wide tracking system to provide regular status reports on all CALFED Program activities. Such a system would complement project specific tracking accomplished by the implementing agencies.

List of Attachments

- Attachment A — Original ROD Activities for the Science Program Element
- Attachment B — Original ROD Activities for the Ecosystem Restoration Program Element
- Attachment C — Original ROD Activities for the Drinking Water Quality Program Element
- Attachment D — Original ROD Activities for the Levee System Integrity Program Element
- Attachment E — Original ROD Activities for the Watershed Management Program Element
- Attachment F — Original ROD Activities for the Storage Program Element
- Attachment G — Original ROD Activities for the Conveyance Program Element
- Attachment H — Original ROD Activities for the Water Use Efficiency Program Element
- Attachment I — Original ROD Activities for the Water Transfers Program Element
- Attachment J — Original ROD Activities for the Environmental Water Account Program Element
- Attachment K — Original ROD Activities for the Oversight and Coordination Program Element
- Attachment L — Explanation of Column Headings on ROD Activities Worksheets

Original ROD Activities
Science Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
61	R-76	Science		CBDA			Annual report	Develop annual science report including specified format and content	End of 2001	12/31/2001	Complete: This activity has been subsumed into the science section of the CALFED Annual report.
107	R-76	Science		CBDA			Annual report	Annual science report	Annually	12/31/2002	Complete: This activity has been subsumed into the science section of the CALFED Annual report.
138	R-76	Science		CBDA			Annual report	Annual science report	Annually	12/31/2003	Complete: This activity has been subsumed into the science section of the CALFED Annual report.
166	R-76	Science		CBDA			Annual report	Annual science report	Annually	12/31/2004	Complete: This activity has been subsumed into the science section of the CALFED Annual report.
191	R-76	Science		CBDA			Annual report	Annual science report	Annually	12/31/2005	Complete: This activity has been subsumed into the science section of the CALFED Annual report.
205	R-76	Science		CBDA			Annual report	Annual science report	Annually	12/31/2006	Not Started: A separate report on cross program status and trends of species and indicators of progress is planned and may be completed by 12/31/2006 if sufficient funds and staff are available for development of performance measures accross CALFED program elements..
230	R-76	Science		CBDA			Annual report	Annual science report	Annually	12/31/2007	Not Started:
24	F-37	Science		CBDA			Interim Lead Scientist	Hire an interim lead scientist.	10/31/00	9/30/2000	Complete:
231	R-76	Science		CBDA			Monitoring and research	Coordinate existing scientific programs	During Stage 1	12/31/2007	Started:
264	R-76	Science		CBDA			Performance measures and indicators and strategy	Establish performance measures and indicators, and a consistent strategy of ongoing development of these for each program area	During Stage 1	12/31/2007	Started:
62	R-76	Science		CBDA			Science Board	Appoint an independent science board for the CALFED Program as a whole	6/30/2001	6/30/2001	Complete:

Original ROD Activities
Science Program Element

63	R-76	Science		CBDA				Refine the set of ecological, operational and other predictive models that will be used in the evaluative process	12/31/2001	12/31/2001	Started New Completion Date: Although components of this objective have been completed (ie review of CALSIM II water resource model), other parts are still ongoing or remain to be started. It is expected that this task will be completed as part of the development of performance measures with estimated completion date at the end of stage 1 -12/31/07
64	E-3	Science		CBDA			Scientific panel	CALFED Science program will convene a scientific panel to be informed on a monthly basis through the CALFED Ops Group reporting process	First year	12/31/2001	Complete:
	R-76	Science	EWA/ER P	CBDA			Scientific panel	Appoint an independent science panel for the EWA	6/30/01	12/31/2000	Complete:

Legend

- 1 E = Environmental Water Account
F = Framework for Action document
FAC = Framework Appendix C - EWA
FAF = Framework Appendix F - Water Supplies for Wildlife Refuges
I = Implementation MOU
IAA = Implementation MOU Attachment A
R = Record of Decision
2 ISB = Independent Science Board
Bold Type=Denotes Key Actions

Original ROD Activities
Ecosystem Restoration Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
10	I - 13	Ecosystem Restoration		Dept. of Interior	Resources Agency		Cost Sharing Agreement	<u>Amend the existing cost-sharing agreement by December 31, 2000, regarding Prop. 204 and Bay-Delta Act funds for ecosystem restoration.. Amend Agreement</u>	12/31/00	12/31/2000	Completed: (unconfirmed, need info)
94	R-36	Ecosystem Restoration		USFWS			EWP Same as EWA Actions R-40, R-91, R-118, R142, R-154, R-168	Improve salmon spawning and juvenile survival in upstream tributaries by purchase up to 100 TAF per year.	8/27/2007	12/31/2002	Started--New Completion Date: The first two years of the EWP were spent identifying streams and possible willing sellers. Negotiations with willing sellers has taken longer than anticipated and has moved the completion date for this back to approximately 2007. In June 2005 the decision was made to use Bay-Delta Funding for the Coleman Barrier Weir modifications in light of no forthcoming EWP water purchases with the understanding that other Federal funds will be made available for water purchase when negotiations have been reached. Example of how a commitment need(s) to change given circumstances and also of stumbling blocks in completing the commitment. This ROD commitment is closely related to 4 of the 119 MSCS milestones The associated milestones are: 17, 57, 66, 96. [Note: milestone associations may change, pending review by program staff.]
131	R-36	Ecosystem Restoration		USFWS			EWP Same as Actions R-40, R-65, R-118, R142, R-154, R-168	Improve salmon spawning and juvenile survival in upstream tributaries by purchase up to 100 TAF per year.	End of Stage 1	12/31/2003	Started--New Completion Date: see action item #94
161	R-36	Ecosystem Restoration		USFWS			EWP Same as Actions R-40, R-65, R-91, R142, R-154, R-168	Improve salmon spawning and juvenile survival in upstream tributaries by purchase up to 100 TAF per year.	End of Stage 1	12/31/2004	Started--New Completion Date: see action item #94

Original ROD Activities
Ecosystem Restoration Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
186	R-36	Ecosystem Restoration		USFWS			EWP Same as Actions R 40, R 65, R 91, R 118, R 154, R 168	Improve salmon spawning and juvenile survival in upstream tributaries by purchase up to 100 TAF per year.	End of Stage 1	12/31/2005	Started--New Completion Date: see action item #94
199	R-36	Ecosystem Restoration		USFWS			EWP Same as Actions R 40, R 65, R 91, R 118, R 142, R 168	Improve salmon spawning and juvenile survival in upstream tributaries by purchase up to 100 TAF per year.	End of Stage 1	12/31/2006	Started--New Completion Date: see action item #94
214 & 215	R-36	Ecosystem Restoration		USFWS			EWP same as Actions R 40, R 65, R 91, R 118, R 142, R 154	Improve salmon spawning and juvenile survival in upstream tributaries by purchase up to 100 TAF per year.	End of Stage 1	12/31/2007	Started--New Completion Date: see action item #94
213	R-38	Ecosystem Restoration		CBDA	USFWS, NOAA NMFS	DFG	Funding	Reevaluate the level of dedicated annual funding from State, Federal, and user sources to achieve ERP goals	End of Stage 1	12/31/2007	Started. This is part of the ongoing process of the Finance Plan and now in the Revitalizing CALFED process.

Original ROD Activities
Ecosystem Restoration Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
216	R-35	Ecosystem Restoration		USFWS	DFG	CBDA		Implement large-scale restoration projects on selected streams and rivers including Clear Creek, Deer Creek, Cosumnes River, San Joaquin River and Tuolumne River, in cooperation with local participants	End of Stage 1	12/31/2007	Started--New Completion Date: Restoration projects have begun on all listed rivers and streams and the individual projects have varying completion dates. Three restoration projects for Clear Creek were funded; three projects for Deer Creek were funded; four projects for Cosumnes River were funded; five projects for the San Joaquin River (including two on the Merced River, a tributary to the San Joaquin); and six projects on the Tuolumne River . This ROD commitment is closely related to 17 of the 119 MSCS milestones, 1 of which was listed as behind schedule (#90, floodplain planning in San Joaquin Region) the the 2004 Milestones Assessment document. The associated milestones are: 5, 12, 13, 14, 38, 57, 59, 62, 63, 64, 65, 87, 88, 89, 90, 94, 95. [Note: milestone associations may change, pending review by program staff.]
217	R-35	Ecosystem Restoration		USFWS	DFG	CBDA		Improve fish passage through modifications or removal of the following locally owned dams: small diversion dams on Butte Creek; eight PG&E diversion dams on Battle Creek; McCormick-Saeltzer Dam on Clear Creek; Woodbridge Dam on Mokelumne River; and Clough Dam on Mill Creek. CALFED will support studies to determine if introduction of wild chinook salmon and steelhead to upper Yuba River watershed is biologically, environmentally and socio-economically feasible over the long term.	During Stage 1	12/31/2007	Started--New Completion Date: Battle Creek EIS/EIR will be completed in 2005, so the project itself will not be completed for several years after that. McCormick-Saeltzer Dam was removed. Woodbridge Dam is being replaced and new fish ladders are being installed. Clough Dam was removed in 2004. This ROD commitment is closely related to 10 of the 119 MSCS milestones, 2 of which are listed as behind schedule (#17 in the Delta Region; #96 in the San Joaquin Region. The associated milestones are: 17, 18, 23, 67, 69, 72, 96, 97, 98, 99. [Note: milestone associations may change, pending review by program staff.]

Original ROD Activities
Ecosystem Restoration Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
218	R-35	Ecosystem Restoration						CALFED will support studies to determine if introduction of wild chinook salmon and steelhead to upper Yuba River watershed is biologically, environmentally and socio-economically feasible over the long term.	During Stage 1	12/31/2007	Started. The Upper Yuba River Studies Program is currently focusing its efforts on determining whether enough habitat exists above Englebright Dam to support viable fish populations. They expect to have more information by the end of 2005 and plan to make recommendations to the program as to the next steps. If there is not adequate habitat or temperatures that's the end of the process. If there is habitat, studies will continue looking at alternatives for fish passage and results will be provided to ERP in 2006.
219	R-36	Ecosystem Restoration		USFWS	DFG	CBDA		Restore habitat in the Delta, Suisun Bay and Suisun Marsh and Yolo Bypass including tidal wetlands, riparian habitat, and 8,000 to 12,000 acres of wildlife-friendly agricultural lands.	During Stage 1	12/31/2007	Started--New Completion Date. The Stage 1 acreage targets for wildlife friendly agricultural lands have been met. Restoration efforts are underway: 16 projects were funded in the Delta , which includes various phases of a single larger project like Staten Island; 5 projects were funded in the Suisun Bay and Marsh ; and 0 restoration projects have yet been funded in the Yolo Bypass area.

Original ROD Activities
Ecosystem Restoration Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
220	R-36	Ecosystem Restoration		CBDA	DWR	DFG		Begin implementation of project to restore habitat and hydraulic needs on Frank's Tract to optimize improvements in ecosystem restoration, levee stability, and Delta water quality	End of Stage 1	12/31/2007	Not Started--Change--New Completion Date. DWR completed a pre- study will be completed in June 2005; that study will be followed up with a Reconnaissance Study and then a project may be started on Franks Tract to optimize improvements in ecosystem restoration, levee stability and Delta water quality . The Franks Tract project now is considered part of the Drinking Water Quality Program (DWQP) because one of the project's goals is to improve water project operations while reducing salinity levels in the South Delta and at the Contra Cost Water District intakes and the water projects export facilities. The DWQP is working closely with DWR to fully understand the potential of this project, to implement pilot tests, and to ensure that water quality gains are maintained through appropriate changes in the Water Quality Control Plan or project operations agreements.
221	R-36	Ecosystem Restoration		USBR				Complete protection and restoration of Sacramento River meander corridor as part of the Sacramento River Conservation Area/SB 1086 program, including easement or purchase of an additional 15,000 acres, revegetation, and restoration of stream meander function by the end of Stage 1.	End of Stage 1	12/31/2007	Started--New Completion Date. Planning for protection is largely complete and acquisition of properties for protection continues. Assessment and evaluation of the types and quantities of habitats created by these efforts needs to continue and determination of progress and performance must occur. This ROD commitment is the same as MSCS milestone #60.

Original ROD Activities
Ecosystem Restoration Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
222	R-36	Ecosystem Restoration		USFWS	DFG			Implement an invasive species program, including prevention, control and eradication.	End of Stage 1	12/31/2007	Started--New Completion Date. NIS Strategic and Implementation Plans were developed; many NIS research, technical assistance and implementation or restoration projects were funded by ERP. Work continues on this ROD commitment, such as developing adaptive management guidelines in dealing with NIS, coordinating agency and stakeholder teams to implement the NIS Strategic and Implementation Plans, and provide coordination and support to regional efforts and watershed groups working in this area. This ROD commitment is related to 2 of the 119 MSCS milestones; both are listed as on schedule. The associated ROD commitments are 20, 22.
223	R-36	Ecosystem Restoration		OEHA (CalEPA)	DHS	CBDA		Assess potential need for additional fish contamination monitoring and consumption advisories in the Bay-Delta watershed.	End of Stage 1	12/31/2007	Started--New Completion Date. [need additional status information] This ROD commitment is related to 4 of the 119 MSCS milestones; all of which are listed as on schedule. Associated milestones are: 30, 48, 77, 106. [Note: milestone associations may change, depending upon program staff review.] [[Second note: for environmental water quality, the implementing agencies are not the same as those for the ERP as a whole.]]

Original ROD Activities
Ecosystem Restoration Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
224	R-36	Ecosystem Restoration			DWR	CBDA		Assist existing agency programs to reduce turbidity and sedimentation; reduce the impairment caused by low dissolved oxygen conditions; reduce the impacts of pesticides including organochlorine pesticides; reduce the impacts of trace metals, mercury, and selenium; reduce salt sources to protect water supplies; and increase understanding of toxicity of unknown origin.	End of Stage 1	12/31/2007	Started--New Completion Date. More than \$100 million is targeted out of three funds (Prop. 40, Prop. 50 and USEPA) to address environmental water quality issues; these funds are scheduled to be spent between 2004 and 2008. This ROD commitment is closely related to 39 of the 119 MSCS milestones. Associate milestones are: 27, 28, 29, 31, 32, 33, 34, 35, 36, 37, 45, 46, 47, 48, 49, 50, 51, 52, 53, 73, 74, 75, 76, 78, 79, 80, 81, 82, 83, 101, 102, 103, 104, 105, 107, 108, 109, 110, 111. [Note: milestone associates may change, depending upon program staff review.] [[Second note: for environmental water quality, the implementing agencies are not the same as those for the ERP as a whole.]]
239	R-37	Ecosystem Restoration	SWRCB	USFWS, NOAA NMFS	DFG	CBDA	MSCS-ERP Milestones	The USFWS, NMFS and CDFG will participate in an annual process with the ERP and Science Program to: (1) develop annual and long-term ERP implementation priorities and strategies; (2) develop annual implementation plans; and (3) assess the implementation and performance of ERP actions including measuring progress towards achieving the MSCS-ERP Milestones.	Annually	September 2004 for mid-Stage 1 assessment	Started--New Completion date. This item may need to be split into a couple of separate items. It is arguable if the ERP and Science Program have worked to develop the plan mentioned--does this include the ERPSB? The Multi-Year Program Plan suffices as the annual implementation plan; ERP has completed two and is finishing its third. In July 2004 the ERP and its Implementing Agencies completed a mid-Stage 1 assessment of progress toward achieving the MSCS-ERP milestones that led to the reinitiation of the conservation agreement for the program. However, a condition of the reinitiation was annual assessments of progress toward achieving the milestones, and this effort has just begun; these annual reports are due December 15. This item is related to item #241.

Original ROD Activities
Ecosystem Restoration Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
240	R-38 Also R-53 and R-74	Ecosystem Restoration		SWRCB	CVRWQCB		Sacramento/SJR Comprehensive Study Ecosystem Restoration	Final development and implementation of actions <u>under the Sacramento and San Joaquin River Basins Comprehensive Study</u> will be coordinated and consistent with the <u>CALFED Program</u> . <u>This is listed as a complementary action to the ROD commitments.</u>	?	2002	Started--New Completion Date. Bay-Delta Program funding was secured for the Hamilton City Flood Damage Reduction and Environmental Restoration Feasibility Study, which is an initial component of the Comp Study. ERP will continue working with the USACE as it develops the Comp Study to ensure that future Comp Study projects coordinate with the California Bay-Delta Program.
241	R-37	Ecosystem Restoration		CBDA	USFWS, NOAA NMFS	DFG	Single Blueprint for Restoration and Recovery	The CALFED Agencies will establish, through the ERP and the MSCS, a single blueprint for restoration and species recovery within the geographic scope of the CALFED ERP. <u>To do this the ERP is work with the Science Program to (1) develop annual and long-term ERP implementation priorities and strategies; (2) develop annual implementation plans; and (3) assess the implementation and performance of ERP actions, including measuring progress towards achieving the MSCS-ERP milestones. [Note: this additional text is also listed as item #239 in this table.]</u>	Annually	Annually since 2000	Stated--New Completion Date. Note: the concept "single blueprint" was thought to be misleading, and since 2004 has been called the Annotated Budget for Implementing the Single Blueprint for Restoration and Recovery. Annual implementation plans , sometimes called "blueprint letters" and later called the Multi-Year Program Plan and Annotated Budget, have been completed annually since 2000. The Multi-Year Program Plan and Annotated Budget generally serves as the annual roadmap for actions and planned expenditures. A mid-Stage 1 milestones assessment was completed in July 2004, as scheduled. The Science Program has had limited involvement in developing the ERP plans, and performance measures are still in the early stages of development. This item is related to item #239, above.

Original ROD Activities
Ecosystem Restoration Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
	R-37	Ecosystem Restoration	Water Quality Program	SWRCB	DWR	CBDA	Dissolved oxygen in the SJR near Stockton	Improve dissolved oxygen conditions in the San Joaquin River near Stockton. The dissolved oxygen in the San Joaquin River, in the vicinity of Stockton, dips below State environmental criteria, causing a migratory block for salmon and threatening other fish. CALFED proposes simultaneous investigation of specific causes as well as investigation of innovative methods to reduce problem pollutants in the river. Proposition 13 includes \$40 million to construct facilities as part of this effort. Actions include: [three items #50, 100, 99.]	Various (see below)	Various (see below)	Started--New Completion Date. There are three specific subset actions (listed below) that complete this ROD commitment. All three actions have experienced delays; two of them are completed and it is unclear if the third item has been agreed upon for funding by DWR in Year 6. This ROD commitment is closely related to 2 of the 119 MSCS milestones. Associated milestones are 26 and 100. [Note: milestone associates may change, pending program staff review.] [Second note: for environmental water quality, the implementing agencies are not the same as those for the ERP as a whole.]
50	R-37	Ecosystem Restoration	Water Quality Program	SWRCB	DWR	CBDA	Dissolved oxygen in the SJR near Stockton	Finalize investigation of methods to reduce constituents that cause low dissolved oxygen. [One of three subset actions identified for this topic.]	12/31/2000	12/31/2001	Completed. This particular item was completed and the amended Basin Plan was completed in September 2004.
100	F-33 and R-37	Ecosystem Restoration	Water Quality Program	SWRCB	DWR	CBDA	DO in SJR	Finalize State Basin Plan Amendment and TMDL for constituents that cause low DO in the SJR. [One of three subset actions identified for this topic.]	June 2002	6/30/2002	Completed. The TMDL amendment was adopted in January 2005 and is awaiting approval by the State Board, the Office of Administrative Law, and the USEPA. [Note: for environmental water quality, the implementing agencies are not the same as those for the ERP as a whole.]
99	R-37	Ecosystem Restoration	Water Quality Program	SWRCB	DWR	CBDA	Dissolved oxygen in the SJR near Stockton	Begin implementation of appropriate source controls and other controls as recommended in Total Maximum Load.	12/31/2002	12/31/2002	Started--New Completion Date. Pilot project approved to proceed in June 2005. Pilot project is recommended in the TMDL. [Note: for environmental water quality, the implementing agencies are not the same as those for the ERP as a whole.]

Original ROD Activities
Ecosystem Restoration Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
102	R-69	Ecosystem Restoration	Water Quality Program				Recirculation of export water to reduce SJR salinity and improve DO	Provide a recommendation to the CALFED governing body on the use of recirculation to meet CALFED objectives. <u>This ROD commitment is found under the Water Quality section.</u>	End of 2002	12/31/2002	Refer to Drinking Water Quality Table items 8&9
132	R-66	Ecosystem Restoration	Water Quality Program	SWRCB	DWR	CBDA	Drainage problems in SJV	Begin implementation of appropriate source control measures	End of 2003	12/31/2003	Refer to Drinking Water Quality Table item 46

Original ROD Activities
Drinking Water Quality Program

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	STATUS
41	R-69	Drinking Water Quality	Water supply	CBDA			Bay Area Blending/ Exchange project	Identify potential local partners and develop agreements as needed for necessary studies	7/31/2001	7/31/2001	Complete. The CALFED Program established a workgroup that includes all of the Bay Area water agencies that are potential partners in a blending and exchange program and they have signed an MOU
42	R-69	Drinking Water Quality	Water supply	CBDA			Bay Area Blending/ Exchange project	Secure authorization and funding for feasibility studies	7/31/2001	7/31/2001	Complete. CALFED provided \$1.3 for pre-feasibility studies and work group support.
43	R-70	Drinking Water Quality	Water supply	CBDA			Bay Area Blending/ Exchange project	Begin feasibility study and environmental review	7/31/2001	7/31/2001	Complete.
89	R-70	Drinking Water Quality	Water supply	CBDA			Bay Area Blending/ Exchange project	Complete feasibility study	July, 2002	7/31/2002	Complete. The Bay Area Water Quality and Water Supply Reliability Program evaluated cooperative projects among Bay Area water districts to meet their water quality and reliability objectives through the feasibility phase. This work has now transitioned into a regional group that is developing a Bay Area Integrated Regional Water Management Plan.
126	R-70	Drinking Water Quality	Water supply	CBDA			Bay Area Blending/ Exchange project	Establish a Bay Area Blending/ Exchange project	End of 2003	12/31/2003	Not Started.
153	R-70	Drinking Water Quality	Water supply	CBDA			Bay Area Blending/ Exchange project	Finalize agreements with project participants	Middle of 2004	6/30/2004	Not Started.

Original ROD Activities
Drinking Water Quality Program

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	STATUS
154	R-70	Drinking Water Quality	Water supply	CBDA			Bay Area Blending/ Exchange project	Obtain necessary authorizations and funding	End of 2004	12/31/2004	Not Started.
183	R-70	Drinking Water Quality	Water supply	CBDA			Bay Area Blending/ Exchange project	Begin construction	End of 2005	12/31/2005	Not Started.
44	R-68	Drinking Water Quality		DWR			Control runoff, California Aqueduct and similar conveyances	Initiate comprehensive evaluation of necessary physical modifications	12/31/2001	12/31/2001	Started - New Completion Date - Identification of inlet structures and water quality problems was done as part of DWR's 2001 Sanitary Survey update for the State Water Project but necessary physical modifications have not been identified.. No new completion date at this time.
155	R-68	Drinking Water Quality	Watershed	SWRCB	DWR		Control runoff, California Aqueduct and similar conveyances	Develop and implement watershed programs adjacent to appropriate conveyance channels	Beginning of 2004	3/31/2004	Completed. Six projects have been funded that address runoff into water supply conveyances.
184	R-68	Drinking Water Quality		DWR			Control runoff, California Aqueduct and similar conveyances	Identify and begin implementation of necessary physical improvements	End of 2005	12/31/2005	Started - New Completion Date - DWR continues to work on runoff impacts to its conveyances but not the comprehensive effort originally described. No new completion date at this time.
127	R-67	Drinking Water Quality		CBDA	SWRCB USEPA, USGS DHS	DWR	Delta and tributaries source control	Develop a comprehensive monitoring and assessment program	Beginning of 2003	3/31/2003	Started - New Completion Date - Progress is being made on monitoring and assessment on a number of fronts but the comprehensive program anticipated in the ROD has not been achieved. Completion depends on funding.

Original ROD Activities
Drinking Water Quality Program

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	STATUS
156	R-67	Drinking Water Quality	Watershed; ERP	SWRCB	DHS	EPA	Delta and tributaries source control	Establish a comprehensive State drinking water policy for Delta and upstream tributaries	End of 2004	12/31/2004	Started - New completion date. The RWQCB with support from the DWQP, the implementing agencies, and stakeholders has convened a workgroup for this task and is making good progress. Approximately \$1,600,000 has been secured for this work. The RWQCB has adopted a resolution setting the purpose and approach for this work. This is a precedent setting regulatory task that is far more complex than envisioned in the ROD. Completion is now scheduled for 2009.
157	R-67	Drinking Water Quality	Watershed; ERP	SWRCB			Delta and tributaries source control	Evaluate and determine whether additional project measures are necessary to protect beneficial uses	End of 2004	12/31/2004	Not Started. - New Completion Date - This will not begin until after the drinking water policy is developed some time in 2009.
198	R-67	Drinking Water Quality	Watershed; ERP	SWRCB	EPA	DWR	Delta and tributaries source control	Begin implementation of appropriate source control measures	End of 2006	12/31/2006	Started. This began with the first PSP in 2001 and will continue. Additional source control measures may be identified as a result of State drinking water policy development (Item # 156) and evaluation of need for additional measures (Item #157).

Original ROD Activities
Drinking Water Quality Program

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	STATUS
128	R-67	Drinking Water Quality		CBDA			Delta Drinking Water Council or successor	Initial assessment of progress towards meeting CALFED water quality targets and alternative treatment technologies	End of 2003	12/31/2003	Complete
211	R-67	Drinking Water Quality		CBDA			Delta Drinking Water Council or successor	Complete final assessment and submit final recommendations on progress toward meeting CALFED water quality targets and alternative treatment technologies	End of 2007	12/31/2007	Not started
46	R-66	Drinking Water Quality	ERP	SWRCB	US EPA		Drainage problems in SJV	Finalize State Basin Plan Amendment and Total Maximum Daily Load for salinity in the lower San Joaquin River	12/31/2001	12/31/2001	Started - New Completion Date - The first phase of the salinity TMDL is complete; the RWQCB will now establish salinity objectives in the SJR upstream of Vernalis and revise the TMDL, as needed, by 2006. Implementation of the TMDL will proceed over the next 8 to 20 years. The implementation plan to attain upstream objectives and TMDL allocations is an important source control element of the program and a DIP action, but other actions may be needed to address drainage problems in the San Joaquin Valley.

Original ROD Activities
Drinking Water Quality Program

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	STATUS
	R-66	Drinking Water Quality	ERP	SWRCB	BOR		Drainage problems in SJV	Begin implementation of appropriate source control measures	End of 2003	12/31/2003	Started - New Completion Date - The first phase of the salinity TMDL is complete; the RWQCB will now establish salinity objectives in the SJR upstream of Vernalis and revise the TMDL, as needed, by 2006. Implementation of the TMDL will proceed over the next 8 to 20 years. The implementation plan to attain upstream objectives and TMDL allocations is an important source control element of the program and a DIP action, but other actions may be needed to address drainage problems in the San Joaquin Valley.
7	R-70	Drinking Water Quality	Water supply, Conveyance	DWR			Eastern San Joaquin Valley exchange programs	Initiate evaluation and studies of current capabilities and potential infrastructure improvements	12/31/2000	12/31/2000	Started - New completion date. Metropolitan Water District of Southern California is working with Friant Water Users Authority to identify pilot projects. New completion date March 2009. This is a complementary action for both the Conveyance Program and the Drinking Water Quality Program.
47	R-70	Drinking Water Quality	Water supply; conveyance	DWR			Eastern San Joaquin Valley exchange programs	Complete feasibility studies and identify potential projects, if any	12/31/2001	12/31/2001	Started - New completion date. Metropolitan Water District of Southern California is working with Friant Water Users Authority to identify pilot projects. New completion date March 2009. This is a complementary action for both the Conveyance Program and the Drinking Water Quality Program.

Original ROD Activities
Drinking Water Quality Program

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	STATUS
158	R-70	Drinking Water Quality	Water supply; conveyance	DWR			Eastern San Joaquin Valley exchange programs	Complete environmental review and begin implementation of a long-term program, including necessary infrastructure	End of 2004	12/31/2004	Not Started - new completion date - March 2009. This is a complementary action for both the Conveyance Program and the Drinking Water Quality Program.
48	I-24	Drinking Water Quality		CBDA			Management	Develop recommendation in an MOU to Policy Group for final decision on program management		2/1/2001	Complete
90	R-68	Drinking Water Quality	Watershed	SWRCB			North Bay Aqueduct water quality problems	Provide funding to implement BMPs to improve watershed runoff water quality	End of 2002	12/31/2002	Complete
129	R-68	Drinking Water Quality		CBDA	DWR		North Bay Aqueduct water quality problems	Study feasibility of relocating North Bay Aqueduct intake	End of 2003	12/31/2003	Complete
8	R-69	Drinking Water Quality	ERP	USBR	DWR?		Recirculation of export water to reduce SJR salinity and improve DO	Develop workplan.	12/31/2000	10/31/2000	Complete

Original ROD Activities
Drinking Water Quality Program

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	STATUS
9	R-69	Drinking Water Quality	ERP	USBR	DWR?		Recirculation of export water to reduce SJR salinity and improve DO	Initiate the feasibility study of recirculation of water exported from the Delta through State and Federal water projects.	12/31/2000	12/31/2000	Completed. Feasibility study authorized by PL 108-361. Study to be completed 2007-2008.
91	R-68	Drinking Water Quality		CBDA	DHS		Treatment technology demonstration	Initiate UV disinfection plant demonstration project	End of 2002	12/31/2002	Complete
92	R-68	Drinking Water Quality		CBDA	SWRCB	USBR	Treatment technology demonstration	Initiate regional desalination demonstration project	End of 2002	12/31/2002	Complete
212	R-68	Drinking Water Quality		CBDA	DHS & USEPA	DWR	Treatment technology demonstration	Evaluate practicability of and determine timelines for full-scale implementation	Beginning of 2007	3/31/2007	Not Started. Flesh out description.
93	R-70	Drinking Water Quality		DWR	USBR		WQ Plan for State and Federal water projects	Develop and implement a plan to meet all existing WQ standards and objective for which State and Federal water projects have responsibility.	Within two years	12/31/2002	Started - new completion date - December 2005.

Original ROD Activities
Drinking Water Quality Program

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	STATUS
	R-50	Conveyance	Drinking Water Quality	DWR	CBDA		Reduce Agricultural Drainage in the Delta	Actions to reduce Delta agricultural drainage including early implementation projects on Veale and Byron tracts	Before permanent operable barriers	Before permanent operable barriers	Started. Scheduled for completion December 2005
96	F-6 & R-36	DWQP	Levee System Integrity; Ecosystem Restoration; Water Supply	DWR & USBR	DFG	USFWS	Franks Tract	CALFED will decide scope and feasibility of project to restore habitat and hydraulics on Franks Tract to optimize improvement in ecosystem restoration, levee stability and water quality	12/31/02	9/30/2002	Started - Change - New Completion Date - Initial Franks Tract studies were done under the direction of the Ecosystem Restoration Program. These studies and modeling suggested that proposed actions could have greater water quality benefits and warranted additional study. The Franks Tract project is now in the Drinking Water Quality Program (DWQP). A pre-feasibility report was completed in June 2005 (Flood Islands Pre-Feasibility Study Report). Additional studies are underway with the focus on developing plans for a project that will provide water quality and operational flexibility benefits while protecting/enhancing ecosystem and recreational values. The DWQP is working closely with DWR to fully understand the potential of this project.

Original ROD Activities
Levee System Integrity Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
53	I-21	Levees		DWR	USACE		Management	Develop a recommendation to Policy Group in coordination with other interested agencies and stakeholders describing how the Levee Program will be co-managed by DWR and USACE and responsibilities distributed.	2/01/2001	2/1/2001	Complete: Provide funding to participating local levee maintaining agencies to reconstruct Delta levees to preserve the existing levees through an ongoing maintenance program and to build incrementally to a base level of protection (the PL 84-99 standard).
263	R-74 Also R-38 and R-53	Levees	Conveyance	USACE	Rec. Board	DWR	Sacramento/ SJR Comprehensive Study - Flood Control	Final development and implementation of actions will be coordinated and consistent with the Program.	During Stage 1	12/31/2007	Started: Complimentary action with Conveyance Program.
16	R-74	Levees	ERP, Conveyance, Water Quality, Water System Reliability	DWR			System Integrity	Initiate actions to refine the Delta Emergency Management Plan	12/31/2000	12/31/2000	Complete: Enhance the emergency management response capability of local, State and Federal agencies to rapidly respond to levee emergencies. While the emergency response system has been improved, the continuing updating of SEMS-compatible plans, maintenance of relationships among cooperating agencies, periodic exercises of the response system, and funding issues requires ongoing effort on this initiative.
54	R-74	Levees		DWR			System Integrity	Develop strategy that identifies risks to Delta levees, evaluates consequences, and recommends actions	12/31/2001	12/31/2001	Started New Completion Date: Insights gained in Phase 1 of the Levee Risk Analysis have shown the need for a study with an expanded scope of work and broader parameters. This new study is titled Delta Risk Management Strategy and has a scheduled completion date 3/31/07.

Original ROD Activities
Levee System Integrity Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
225	R-74	Levees	ERP, Conveyance, Water Quality, Water System Reliability	DWR	USACE	DFG RWQCB	System Integrity	Institute program for using 2 million cubic yards of dredge material to repair Delta levees and restore Delta habitat	During Stage 1	12/31/2007	Started: Program has beneficially reused more than 1.3 million cubic yards of dredged material to stabilize levees and improve habitat in the Delta. These beneficial reuse projects enhance flood protection for some local agencies protecting public benefits such as water quality, the ecosystem, life and personal property, agricultural protection, cultural resources, recreation, and local and statewide infrastructure.
55	R-74	Levees		DWR		DFG RWQCB	System Integrity	Develop Best Management Practices for the reuse of dredged materials	12/31/2001	12/31/2001	Started:
	R-73	Levees	ERP, Conveyance, Water Quality, Water System Reliability	DWR	USACE	DFG	Base Level Protection	Raise all levees in the Delta to the PL84-99 (Delta Specific) standard. Raise 200 additional miles to this standard in Stage 1.	None		Started: Through the DWR Delta Levees Subventions and Special Flood Control Projects programs local agencies are improving the foundation of the existing levees and making incremental improvements, as funding allows. The program has placed stabilizing berms or raised the crest of more than 43 miles of Delta levee. Additional work will take place as funding allows.
	R-73	Levees	ERP, Conveyance, Water Quality, Water System Reliability	DWR	USACE	DFG	Special Improvements	Raise specific levees to a standard in excess of PL84-99.	None		Not Started: There is a large backlog of critical islands in the Delta that have not yet reached the PL84-99 standard. Available funding has been committed to preserve these islands and provide a reasonable level of protection until the budget is sufficient to accomplish the additional work.

Original ROD Activities
Levee System Integrity Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
	R-17	Levees	ERP, Conveyance, Water Quality, Water System Reliability	DWR		DFG	Suisun Marsh Levees	Evaluate and, where appropriate, rehabilitate Suisun Marsh Levees.	None		Started: DWR and DFG are working with local interests to gather support and provide documentation of the importance of the Marsh to CALFED interests. The Suisun Marsh levee program goals are included as part of the Levee System Integrity Program Plan, however, documentation is needed to show the acceptance of the Marsh as part of the overall CALFED LSIP. Additionally, funding and legislative approval are, also, needed.

Original ROD Activities
Watershed Management Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
36	F-8 R-39	Watershed Management		CBDA			Agency Advisory Committee	Establish an Interagency Watershed Advisory Team to provide technical assistance and to coordinate and expedite permit reviews and approvals.	12/31/2000	12/31/2000	Complete:
81	R-39	Watershed Management		DWR	OPM		Grant Program	Establish a grant program to solicit, evaluate and fund local projects that contribute to achieve CALFED goals	2000-2001	2001	Complete:
		Watershed Management		SWRCB			Grant Program	Establish a grant program to solicit, evaluate and fund local projects that contribute to achieve CALFED goals	2001-2002	2002	Started New Completion Date: Delayed one year.
		Watershed Management		SWRCB			Grant Program	Establish a grant program to solicit, evaluate and fund local projects that contribute to achieve CALFED goals	2002-2003	2003	Complete:
		Watershed Management		SWRCB	DOC	OPM	Grant Program	Establish a grant program to solicit, evaluate and fund local projects that contribute to achieve CALFED goals	2003-2004	2004	Complete:
		Watershed Management		DWR	DOC		Grant Program	Establish a grant program to solicit, evaluate and fund local projects that contribute to achieve CALFED goals	2004-2005	2005	Started:
		Watershed Management		SWRCB			Grant Program	Establish a grant program to solicit, evaluate and fund local projects that contribute to achieve CALFED goals	2005-2006	2006	Started:
82	I-23	Watershed Management		CBDA			Management	Develop recommendation in an MOU to Policy Group for final decision on program management	2/1/2001	12/1/2001	Complete:
115	R-40	Watershed Management		CBDA			Performance measures, monitoring protocols	Develop watershed program performance measures and monitoring protocols consistent with CALFED Science Program	12/31/2002	12/31/2002	Complete:

Original ROD Activities
Storage Program Element

Item #	Document and Page #	Program Element (Primary)		Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
26	F-16	Storage					Regulatory Compliance	Programmatic biological opinion will be completed.	ROD	8/28/2000	Complete:
27	F-16	Storage					Regulatory Compliance	Clean Water Act, Section 401 MOU completed.	ROD	8/28/2000	Complete:
28	F-16	Storage					Regulatory Compliance	Clean Water Act Section 404 MOU completed.	ROD	8/28/2000	Complete:
25	R-44	Storage		DWR			In-Delta Surface Storage	Make decision as to whether to seek authorization for a feasibility study of alternatives.	10/31/2000	10/31/2000	Complete:
68	R-44	Storage		DWR			In-Delta Surface Storage	Select project alternatives and initiate negotiation with Delta Wetlands owners or other appropriate landowners for acquisition of necessary property (State only)	December, 2001	12/31/2001	Complete:
31	R-45	Storage		DWR	USBR		Upper San Joaquin River Surface & Groundwater Storage	Additional storage - Begin comprehensive study of alternatives (Friant Enlargement or equivalent).	12/31/2000	12/31/2000	Complete:
72	R-45	Storage		DWR	USBR		Upper San Joaquin River Surface & Groundwater Storage	Additional storage - Begin feasibility study on selected project (Friant Enlargement)	Middle of 2001	6/30/2001	Complete:
207	R-53	Storage		DWR		SCVWD	Bypass canal to the San Felipe Unit at the San Luis Reservoir	Fund studies of bypass canal and related expansion of local storage through Prop 13, allocate funds to Santa Clara Valley Water District	October, 2000	10/31/2000	Complete: DWR issued a funding letter on August 31, 2000 to SCVWD for Proposition 13 funds.

Original ROD Activities
Storage Program Element

Item #	Document and Page #	Program Element (Primary)		Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
67	R-45	Storage		DWR	USBR	CCWD	Los Vaqueros Reservoir Surface Storage	Expand Reservoir - Identify potential local partners and develop agreement with CCWD and other partners as needed for necessary studies Joint project (DWR/BOR/CCWD)	March, 2001	3/31/2001	<u>Complete:</u> MOU signed 6/31/2001
30	R-45	Storage		DWR	USBR		Sites Reservoir Surface Storage	Develop joint planning program through an MOU with local water interests	10/31/2000	10/31/2000	<u>Complete:</u> November 2000
29	R-44	Storage		DWR	USBR		Shasta Lake Surface Storage	Expand CVP storage. Resolve legal issues to allow State agency cooperation.	12/31/2000	12/31/2000	<u>Suspended:</u> No Legislative support
110	R-44	Storage		DWR			In-Delta Surface Storage	Develop project plan that addresses local concerns about effects on neighboring lands and complete any additional needed environmental documentation (State only)	July, 2002	7/31/2002	<u>Suspended:</u> No funding available
109	R-44	Storage		DWR			In-Delta Surface Storage	Complete environmental review and documentation, obtain necessary authorization and funding, and begin construction (State only)	End of 2002	12/31/2002	<u>Suspended:</u> No funding available
71	R-44	Storage			USBR		Shasta Lake Surface Storage	Expand CVP storage - Complete environmental review and documentation, obtain Federal authorization and funding, and begin construction	End of 2004	12/31/2004	<u>Not Started New Completion Date:</u> Schedule changed because of unstable and inadequate funding. New schedule for initiating NEPA is Fall 2005 and completing the EIS in Fall 2008.

Original ROD Activities
Storage Program Element

Item #	Document and Page #	Program Element (Primary)		Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
143	R-53	Storage		DWR	USBR	SCVWD	Bypass canal to the San Felipe Unit at the San Luis Reservoir	Obtain necessary authorization and funding and begin construction	End of 2004	12/31/2004	<u>Not Started New Completion Date:</u> Cannot be started until a Feasibility Study is completed with a recommended plan substantiating federal, state and SCVWD investment. Current estimate of completion mid 2007.
171	R-45	Storage		DWR	USBR	CCWD	Los Vaqueros Reservoir Surface Storage	Obtain necessary authorization and funding (including local voter approval) Joint Project (DWR/BOR/CCWD)	End of 2004	12/31/2004	<u>Not Started Change New Completion Date:</u> Federal construction authorization and funding will not be sought until a final federal feasibility study is completed. Following the completion of the feasibility report, a several-year process is needed to obtain construction authorization and appropriations.
169	R-45	Storage		DWR	USBR	CCWD	Los Vaqueros Reservoir Surface Storage	Finalize agreements with project participants Joint project (DWR/BOR/CCWD)	Middle of 2004	6/30/2004	<u>Not Started Change New Completion Date:</u> The federal Feasibility Report (late-2007) will identify the non-Federal project sponsor and project cost sharing.
192	R-45	Storage		DWR	USBR	CCWD	Los Vaqueros Reservoir Surface Storage	Begin construction Joint Project (DWR/BOR/CCWD)	End of 2005	12/31/2005	<u>Not Started New Completion Date:</u> Construction cannot begin until a ROD is filed and construction authorization and appropriations are secured.
170	R-45	Storage		DWR	USBR		Sites Reservoir Surface Storage	Complete environmental review and planning documentation Joint Project (DWR/BOR)	August, 2004	8/31/2004	<u>Started New Completion Date:</u> Schedule changed because of unstable and inadequate funding and project did not receive Federal Feasibility Study Authorization until February 2003. New scheudle for final EIR/EIS and Feasibility Report is Fall 2007.

Original ROD Activities
Storage Program Element

Item #	Document and Page #	Program Element (Primary)		Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
206	R-45	Storage		DWR	USBR		Upper San Joaquin River Surface & Groundwater Storage	Additional storage - Complete environmental review and planning documentation (Friant Enlargement)	Middle of 2006	6/30/2006	<u>Started New Completion Date:</u> Schedule changed because of unstable and inadequate funding and project did not receive Federal Feasibility Study Authorization until February 2003. New schedule for final EIR/EIS and Feasibility Report is Summer 2009.
140	R-44	Storage			USBR		Shasta Lake Surface Storage	Expand CVP storage - Complete feasibility study and preliminary design	End of 2003	12/31/2003	<u>Started New Completion Date:</u> Schedule changed because of unstable and inadequate funding. New schedule for completing the Feasibility Study is Fall 2008
116	R-53	Storage		DWR	USBR	SCVWD	Bypass canal to the San Felipe Unit at the San Luis Reservoir	Complete environmental review and documentation and preliminary design	End of 2003	12/31/2003	<u>Started Change New Completion Date:</u> State funds were granted for a feasibility study which started along with environmental review but has halted until the Federal Appraisal Study is completed. Reclamation and SCVWD will initiate a Federal Feasibility Study in Jan 2006. According to SCVWD an additional \$10 million is needed to complete the studies.
69	R-45	Storage		DWR	USBR	CCWD	Los Vaqueros Reservoir Surface Storage	Secure authorization and funding for feasibility studies Joint Project (DWR/BOR/CCWD)	July, 2001	7/31/2001	<u>Started Change New Completion Date:</u> Federal Feasibility Study Authority was not received until 2003. Initial Federal funding was also delayed. In addition, both federal and state funding is appropriated annually. Adequate and stable funding will be needed until studies are completed in late 2007.

Original ROD Activities
Storage Program Element

Item #	Document and Page #	Program Element (Primary)		Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
139	R-45	Storage		DWR	USBR	CCWD	Los Vaqueros Reservoir Surface Storage	Complete environmental review, documentation, and preliminary design on a selected alternative Joint Project (DWR/BOR/CCWD)	End of 2003	12/31/2003	<u>Started Change New Completion Date:</u> The environmental document will be prepared concurrently with the FS which is underway. The NOI/NOP is expected to be issued in the Fall 2005 after the federal <i>Initial Alternative Information Report</i> is publically released as background for public scoping. Delay due to inadequate and untimely funding. Estimated completion date is Winter 2008.
111	R-45	Storage		DWR	USBR	CCWD	Los Vaqueros Reservoir Surface Storage	Complete feasibility study (DWR/BOR/CCWD)	July, 2002	7/31/2002	<u>Started Change New Completion Date:</u> The FS will be prepared concurrently with the environmental documentation as required by the Federal Planning Process. Estimated completion date Winter 2008. Delay due to inadequate and untimely funding.
70	R-45	Storage		DWR	USBR	CCWD	Los Vaqueros Reservoir Surface Storage	Begin feasibility study and environmental review Joint Project (DWR/BOR/CCWD)	July, 2001	7/31/2001	<u>Started New Completion Date:</u> Initial technical and environmental studies started on time. However, Federal Feasibility Study Authority was not received until 2003. NEPA/CEQA will be initiated in Fall 2005 after the federal <i>Initial Alternatives Information Report</i> is publically released as background for public scoping.

Original ROD Activities
Conveyance Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
234	R-53 (also R-38 and R-74)	Conveyance		DWR	COE		Conveyance - Sacramento/ SJR Comprehensive Study - Flood Control	Final development and implementation of actions will be coordinated and consistent with the Program. (DWR/COE)			Refer to item 263 levees
6	R-51	Conveyance		DWR & USBR			Delta Cross Channel - Begin studies	Begin operational studies to address fishery and water quality concerns, implement improved operational procedures	10/31/2000	10/31/2000	Complete:
117	R-51	Conveyance		DWR & USBR			Delta Cross Channel - Evaluate and implement improved operational procedures	To address fishery and water quality concerns - Complete studies and make specific recommendations	End of 2003	12/31/2003	Started New Completion Date: July 2008
118	R-50	Conveyance		DWR	USBR		Dredge and install barriers in South Delta	Increase SWP pumping to maximum capacity of 10,300 cfs - Complete funding plan Barrier Joint Project (DWR/BOR); Dredge Joint Project (DWR/COE)	Early 2003	3/31/2003	Started Change New Completion Date: Permanent operable gates and South Delta dredging are now linked with increasing SWP pumping to 8500. EIR/EIS by end or 2005. Complete construction of all gates by April 2009. Increased pumping to 10,300 cfs is on-hold.
178	R-50	Conveyance		DWR & USBR			Dredge and install barriers in South Delta	Increase SWP pumping to maximum capacity of 10,300 cfs - Complete facilities design Barrier Joint Project (DWR/BOR) Dredge Joint Project (COE/DWR)	Middle of 2005	6/30/2005	Started Change New Completion Date: Permanent operable gates and South Delta dredging are now linked with increasing SWP pumping to 8500. EIR/EIS by end or 2005. Complete construction of all gates by April 2009. Increased pumping to 10,300 cfs is on-hold.

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Conveyance Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
194	R-50	Conveyance		DWR, USBR, & COE			Dredge and install barriers in South Delta	Increase SWP pumping to maximum capacity of 10,300 cfs - Seek funding and authority to complete Head of Old River barrier (Dredge - DWR/COE, Barriers - DWR/BOR)	End of 2006	6/30/2006	Started Change New Completion Date: Permanent operable gates and South Delta dredging are now linked with increasing SWP pumping to 8500. EIR/EIS by end or 2005. Complete construction of all gates by April 2009. Increased pumping to 10,300 cfs is on-hold.
208	R-50	Conveyance		DWR, USBR, & COE			Dredge and install barriers in South Delta	Increase SWP pumping to maximum capacity of 10,300 cfs - Seek funding and authority to complete Middle River barrier, Tracy barrier and Grant Line Canal barrier Joint Project (Dredge - DWR/COE, Barriers - DWR/BOR)	End of 2007	6/30/2007	Started Change New Completion Date: Permanent operable gates and South Delta dredging are now linked with increasing SWP pumping to 8500. EIR/EIS by end or 2005. Complete construction of all gates by April 2009. Increased pumping to 10,300 cfs is on-hold.
1	R-53	Conveyance		DWR			Eastern San Joaquin Valley exchange programs	Eastern San Joaquin Valley (Sierra Nevada watershed). Initiate evaluation and studies of potential infrastructure improvements.	12/31/2000	12/31/2000	Started New Completion Date: Metropolitan Water District of Southern California is working with Friant Water Users Authority to identify pilot projects. New completion date March 2009. This is a complimentary action for both the Conveyance Program and the Drinking Water Quality Program.
38	R-53	Conveyance		DWR			Eastern San Joaquin Valley exchange programs	Complete feasibility studies and implement selected demonstration projects	End of 2001	12/31/2001	Started New Completion Date: Metropolitan Water District of Southern California is working with Friant Water Users Authority to identify pilot projects. New completion date March 2009. This is a complimentary action for both the Conveyance Program and the Drinking Water Quality Program.
144	R-53	Conveyance		DWR			Eastern San Joaquin Valley exchange programs	Complete environmental review and begin implementation of a long-term program, including necessary infrastructure	End of 2004	12/31/2004	Not Started New Completion Date: March 2009. This is a complimentary action for both the Conveyance Program and the Drinking Water Quality Program.

Original ROD Activities
Conveyance Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
119	R-49	Conveyance		DWR			Fish screens - CC Forebay and Tracy PP in South Delta	Increase SWP pumping to maximum capacity of 10,300 cfs - Complete funding plan (Tracy - BOR/CC - State)	Early 2003	3/31/2003	Started Change: Due to the costs and concerns about feasibility, this project is on hold pending a re-evaluation of alternatives.
145	R-49	Conveyance		DWR			Fish screens - CC Forebay and Tracy PP in South Delta	Increase SWP pumping to maximum capacity of 10,300 cfs - Complete facilities design BOR Tracy/State CC	Middle of 2004	6/30/2004	Started Change: Due to the costs and concerns about feasibility, this project is on hold pending a re-evaluation of alternatives.
195	R-49	Conveyance		DWR			Fish screens - CC Forebay and Tracy PP in South Delta	Increase SWP pumping to maximum capacity of 10,300 cfs - Seek funding and authority to complete initial fish screens, and begin operations and performance testing BOR Tracy/State CC	Middle of 2006	6/30/2006	Not Started Change: Due to the costs and concerns about feasibility, this project is on hold pending a re-evaluation of alternatives.
146	R-52	Conveyance		DWR & USBR			Intertie (SWP and CVP facilities) at or near Tracy	Complete environmental work and project design Joint Project (DWR/BOR)	Middle of 2004	6/30/2004	Complete: (Aqueduct Intertie)
147	R-52	Conveyance		DWR & USBR			Intertie (SWP and CVP facilities) at or near Tracy	Complete funding plan Joint Project (DWR/BOR)	Middle of 2004	6/30/2004	Started New Completion Date: October 2005 (Aqueduct Intertie)
148	R-52	Conveyance		DWR & USBR			Intertie (SWP and CVP facilities) at or near Tracy	Make decision whether to seek funding and authority to begin construction Joint Project (DWR/BOR)	End of 2004	12/31/2004	Started New Completion Date: October 2005 (Aqueduct Intertie)
235	R-52	Conveyance		DWR & USBR			Intertie (SWP and CVP facilities) at or near Tracy	Assess the connection of the CVP to the SWP's Clifton Court Forebay with a corresponding increase in the Forebay's screened intake Joint Project (DWR/BOR)			Not Started: (Intake Intertie) - Insufficient resources. No new date at this time.

Original ROD Activities
Conveyance Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
236	R-41	Conveyance		DWR & USBR			Joint Point of Diversion	Seek SWRCB approval of Joint Point of Diversion and share water derived from JPD between the CVP and EWA			Started New Completion Date: USBR and DWR have petitioned for approval of JPD for CVP and EWA - contingent upon 3 plans - water quality, water level response plan and fisheries response plan. All 3 have to undergo public review as part of the petitioning. It is being held up by the water quality plan and the water level response plan. Completion date is unknown at this time.
121	R-50	Conveyance		DWR & COE			Lower SJR floodway improvements in South Delta	Design and construct floodway improvements - Complete funding plan COE/DWR	Early 2003	3/31/2003	Not Started Change: Insufficient resources. No new dates at this time.
149	R-50	Conveyance		DWR & COE			Lower SJR floodway improvements in South Delta	Design and construct floodway improvements - Complete project design and funding plan COE/DWR	Early 2004	3/31/2004	Not Started Change: Insufficient resources. No new dates at this time.
180	R-50	Conveyance		DWR & COE			Lower SJR floodway improvements in South Delta	Design and construct floodway improvements - Begin construction (COE/DWR)	Middle of 2005	6/30/2005	Not Started Change: Insufficient resources. No new dates at this time.
37	I-27	Conveyance		DWR & USBR			Management	Report to Policy Group on recommended distribution of responsibilities between DWR and USBR		2/1/2001	Complete:
4	R-52	Conveyance		DWR			Navigation and local diverters in South Delta	Take actions to protect navigation and protect local diverters who are not adequately protected by the Temporary Barriers Program (State only).	12/31/2000	12/31/2000	Complete: Ongoing until permanent gates are operational.
39	R-52	Conveyance		DWR			Navigation and local diverters in South Delta	Take actions to protect navigation and protect local diverters who are not adequately protected by the Temporary Barriers Program (State only)	12/31/2001	12/31/2001	Complete: Ongoing until permanent gates are operational.

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Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
83	R-52	Conveyance		DWR			Navigation and local diverters in South Delta	Take actions to protect navigation and protect local diverters who are not adequately protected by the Temporary Barriers Program (State only)	12/31/2002	12/31/2002	Complete: Ongoing until permanent gates are operational.
122	R-52	Conveyance		DWR			Navigation and local diverters in South Delta	Take actions to protect navigation and protect local diverters who are not adequately protected by the Temporary Barriers Program (State only)	12/31/2003	12/31/2003	Complete: Ongoing until permanent gates are operational.
150	R-52	Conveyance		DWR			Navigation and local diverters in South Delta	Take actions to protect navigation and protect local diverters who are not adequately protected by the Temporary Barriers Program (State only)	12/31/2004	12/31/2004	Complete: Ongoing until permanent gates are operational.
181	R-52	Conveyance		DWR			Navigation and local diverters in South Delta	Take actions to protect navigation and protect local diverters who are not adequately protected by the Temporary Barriers Program (State only)	12/31/2005	12/31/2005	Started: Ongoing until permanent gates are operational.
196	R-52	Conveyance		DWR			Navigation and local diverters in South Delta	Take actions to protect navigation and protect local diverters who are not adequately protected by the Temporary Barriers Program (State only)	12/31/2006	12/31/2006	Not Started - Ongoing until permanent gates are operational.
123	R-51	Conveyance	ERP	DWR	COE		North Delta Floodway improvements	Design and construct - Complete environmental studies COE/DWR	Early 2003	3/31/2003	Started New Completion Date: Fall 2005
151	R-51	Conveyance	ERP	DWR	COE		North Delta floodway improvements	Design and construct - Complete project design and funding plan COE/DWR	Early 2004	3/31/2004	Not Started New Completion Date: September 2006.
179	R-51	Conveyance	ERP	DWR	COE		North Delta Floodway improvements	Design and construct - Make decision whether to seek funding and authority to begin construction (COE/DWR)	Middle of 2005	6/30/2005	Not Started New Completion Date: September 2006.
2	R-51	Conveyance	DWQP	DWR	USBR		Screened Sacramento River through-Delta facility	Develop specific study plan.	10/31/2000	10/31/2000	Complete:

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Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
3	R-51	Conveyance	DWQ P	DWR	USBR		Screened Sacramento River through-Delta facility	Fund and begin studies through CALFED Agency appropriations (Joint DWR/USBR)	10/31/2000	10/31/2000	Complete:
120	R-51	Conveyance		DWR	USBR		Screened Sacramento River through-Delta facility	Complete water quality and fish effects studies and develop recommendations, taking into consideration the results of the Delta Cross Channel operational study and evaluation of water quality measures	End of 2003	12/31/2003	Started New Completion Date: November 2008.
209	R-51	Conveyance		DWR	USBR		Screened Sacramento River through-Delta facility	Complete environmental review of recommended program. If fish protection conditions are met and facility is found to be necessary, seek funding and authority to construct.	End of 2007	12/31/2007	Started New Completion Date: November 2008.
84	R-48	Conveyance		DWR	USFWS		South Delta - 8500	Complete environmental review	End of 2002	12/31/2002	Started Change New Completion Date: Permanent operable gates and South Delta dredging are now linked with increasing SWP pumping to 8500. EIR/EIS by spring 2006.
85	R-49	Conveyance		DWR			South Delta - 8500	Increase SWP pumping from current limit -Complete environmental review (State only)	End of 2002	12/31/2002	Started Change New Completion Date: Permanent operable gates and South Delta dredging are now linked with increasing SWP pumping to 8500. EIR/EIS by spring 2006.
124	R-49	Conveyance		DWR			South Delta - 8500	Increase SWP pumping from current limit -Secure appropriate regulatory permits to increase pumping up to 8,500 cfs during periods that are currently restricted (State only)	Middle of 2003	6/30/2003	Started Change New Completion Date: Permanent operable gates and South Delta dredging are now linked with increasing SWP pumping to 8500. Full implementation of 8500 by June 2009.
5	R-52	Conveyance		DWR			Temporary Barriers in South Delta	Install and operate temporary barriers until fully operable gates are constructed as part of the South Delta Improvement Program implementation. (State only)	12/31/2000	12/31/2000	Complete:

Original ROD Activities
Conveyance Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
40	R-52	Conveyance		DWR			Temporary Barriers in South Delta	Install and operate temporary barriers until fully operable gates are constructed as part of the South Delta Improvement Program implementation. (State only)	12/31/2001	12/31/2001	Complete:
86	R-52	Conveyance		DWR			Temporary Barriers in South Delta	Install and operate temporary barriers until fully operable gates are constructed as part of the South Delta Improvement Program implementation. (State only)	12/31/2002	12/31/2002	Complete:
125	R-52	Conveyance		DWR			Temporary Barriers in South Delta	Install and operate temporary barriers until fully operable gates are constructed as part of the South Delta Improvement Program implementation. (State only)	12/31/2003	12/31/2003	Complete:
152	R-52	Conveyance		DWR			Temporary Barriers in South Delta	Install and operate temporary barriers until fully operable gates are constructed as part of the South Delta Improvement Program implementation. (State only)	12/31/2004	12/31/2004	Complete:
182	R-52	Conveyance		DWR			Temporary Barriers in South Delta	Install and operate temporary barriers until fully operable gates are constructed as part of the South Delta Improvement Program implementation. (State only)	12/31/2005	12/31/2005	Started:
197	R-52	Conveyance		DWR			Temporary Barriers in South Delta	Install and operate temporary barriers until fully operable gates are constructed as part of the South Delta Improvement Program implementation. (State only)	12/31/2006	12/31/2006	Not Started:

Original ROD Activities
Conveyance Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
210	R-52	Conveyance		DWR			Temporary Barriers in South Delta	Install and operate temporary barriers until fully operable gates are constructed as part of the South Delta Improvement Program implementation. (State only)	12/31/2007	12/31/2007	Not Started:

Original ROD Activities
Water Use Efficiency Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
80	R-64	Water Use Efficiency		CBDA	DWR	USBR	Annual Report	CALFED will require annual reports from implementing agencies describing progress of implementation efforts.	12/31/2001	12/31/2001	Complete:
114	R-64	Water Use Efficiency		CBDA	DWR	USBR	Annual Report	CALFED will require annual reports from implementing agencies describing progress of implementation efforts.	12/31/2002	12/31/2002	Complete:
142	R-64	Water Use Efficiency		CBDA	DWR	USBR	Annual Report	CALFED will require annual reports from implementing agencies describing progress of implementation efforts.	12/31/2003	12/31/2003	Complete:
177	R-64	Water Use Efficiency		CBDA	DWR	USBR	Annual Report	CALFED will require annual reports from implementing agencies describing progress of implementation efforts.	12/31/2004	12/31/2004	Complete:
76	R-62	Water Use Efficiency		CBDA			Finance proposal	Develop a detailed finance proposal for Stage 1, including an evaluation of local cost share potential	7/31/2001	7/31/2001	Complete:
173	R-64	Water Use Efficiency		CBDA			Funding	Determine additional funding needs	Middle of 2004	6/30/2004	Complete:
34	R-61	Water Use Efficiency		CBDA			Implementation Plan	Prepare program implementation plan, including organizational structure consistent with CALFED governance, responsibilities for technical assistance programs and the grant/loan program, and evaluation procedures.	12/31/2000	12/31/2000	Complete:

Original ROD Activities
Water Use Efficiency Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
77	R-63	Water Use Efficiency		CBDA			Independent review panel for water measurement and transfer	Prepare a consensus definition of appropriate measurement	12/31/2001	12/31/2001	Complete:
79	R-62	Water Use Efficiency		CBDA			Milestones	Establish specific milestones and associated benefits, remedies and/or consequences to track and guide the implementation of Agricultural Water Use Efficiency Program	8/27/2001	8/27/2001	Complete:
35	R-62	Water Use Efficiency		CBDA	DWR	USBR	Public Advisory Committee	Advisory committee to advise State and Federal agencies on structure and implementation of assistance programs and coordinate Federal, State, regional and local efforts.	12/31/2000	12/31/2000	Complete:
141	R-63	Water Use Efficiency		CBDA			Water Measurement Legislation	Work with California State Legislature to develop legislation for introduction and enactment in 2003 legislative session requiring the appropriate measurement of all water uses in the State of California	2003	12/31/2003	Complete:

Original ROD Activities
Water Use Efficiency Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
172	R-61 (Implied)	Water Use Efficiency		CBDA	DWR	USBR	Refine Quantifiable Objectives	Finish current work on Quantifiable Objectives and refine Targeted Benefits based on public comments and results of first RFP (deadline is for first revision - "further revisions expected")	End of 4 years	12/31/2004	Not Started Change: The activity in column 8 has not started and has been modified. New QOs have not been developed and existing QOs have not been refined due to lack of resources. Program will focus on refining Targeted Benefits instead of QOs. DWR beg
204	R-64	Program		CBDA				CALFED will require annual reports from implementing agencies describing progress of implementation efforts.	12/31/2006	12/31/2006	Not Started:
233	R-64	Water Use Efficiency		CBDA	DWR	USBR	Annual Report	CALFED will require annual reports from implementing agencies describing progress of implementation efforts.	12/31/2007	12/31/2007	Not Started:
270	R-64	Water Use Efficiency		CBDA			Reporting	CALFED will require annual reports from implementing agencies describing progress of implementation efforts.		12/31/2006	Not Started:
269	R-63 Also R-53 and R-72	Water Use Efficiency	Transfers	DWR			Remove Water Conservation disincentives to landowners	Develop and support proposals to transfer water savings credits to landowners, not irrigation and water supply agencies	?	?	Not Started:

Original ROD Activities
Water Transfers Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
33	R-71	Water Transfers		DWR	USBR	SWRCB	Permit streamlining for lower transaction costs	Convene a panel of stakeholders to draft recommendations for a streamlined transfer approval process	12/31/2000	12/31/2000	<u>Complete:</u> A stakeholder streamlining panel was established. In 2001 the forum had not made sufficient progress to have a streamline process in place for water transfers occurring in 2002. DWR then produced, in cooperation with DWR and Reclamation staffs and stakeholders, the DRAFT Water Transfer Papers, March 2002 to establish agreed upon methods for structuring water transfers from the Sacramento Valley in 2002. Those papers have continued to be used to accelerate the review process for water transfers in the intervening years. DWR initiated the process of reconvening the stakeholders to re-evaluate the water transfer papers for the streamlining process due to concerns expressed by stakeholders and lessons learned since 2002. The new process was also expanded to include interested parties downstream of the Delta. The process is currently suspended due to budget constraints
268	R-72 also R-63	Water Transfers	WUE	DWR	USBR	SWRCB	Remove Water Conservation disincentives to landowners	Develop and support proposals to transfer water savings credits to landowners, not irrigation and water supply agencies	no specific date identified in ROD	no specific date identified in ROD	<u>Complete:</u> Maintaining the right to conserved water and the transferability of conserved water is contained in the Water Code. From a water transfer perspective the water rights holder is the only entity that can be contracted with. Local water districts have developed methods to credit back to their individual members internally. Conservation measures can develop transferable water but often are used to expand the amount water available locally.
32	R-72	Water Transfers		DWR	USBR	SWRCB	Information website	Provide operational On-Tap website.	12/31/2000	12/31/2000	<u>Complete:</u> On Tap Database suspended as of July 2005 due to budget constraints.

Original ROD Activities
Water Transfers Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
74	R-72	Water Transfers		DWR	USBR	SWRCB	Information clearinghouse	Establish clearinghouse to disseminate information on groundwater impacts, cumulative impacts and local socioeconomic impacts of transfers	End of 2001	12/31/2001	<u>Complete:</u> The Water Transfer Clearinghouse was established at DWR. The Water Transfer Clearinghouse continued to function until budget restrictions suspended the DWR water transfer program after July 1, 2005.
112	F-34	Water Transfers		DWR	USBR	SWRCB	Facilities	State administration will sponsor legislation to clarify State's wheeling laws to increase availability of existing facilities for water transfers	Leg. Yr 2001	8/31/2002	<u>Suspended:</u> Former State Senator Jim Costa convened a group of stakeholders to evaluate potential legislation regarding water transport facilities and facilities availability. After reviewing existing law the determination was made that no further legislation was required. DWR works with transferring parties to provide capacity when available; often attempting to provide capacity to several interests simultaneously. DWR provided storage for transferred water, on a pilot project basis, in 2003. DWR continues to work with water transfer parties on storage issues. Legislation has not been pursued and stakeholders are not supportive of legislative action at this time. Ellen Hanak ¹ , in her highly regarded publication, Who Should Be Allowed to Sell Water in California? Third Party Issues and The Water Market, states that the water market is not mature enough to begin introducing legislation. New legislation could hamper water transfer efforts.
73	R-71	Water Transfers		DWR	USBR	SWRCB	Increase the availability of existing facilities	Sponsor legislation to facilitate "wheeling" transactions	12/31/2001	12/31/2001	<u>Suspended:</u> Same as above.

Original ROD Activities
Water Transfers Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
75	R-71	Water Transfers		DWR	USBR	SWRCB	Permit streamlining for lower transaction costs	Introduce legislative changes	4/30/2001	4/30/2001	<u>Suspended:</u> See Item # 112 above.

¹Ellen Hanak, *Who Should Be Allowed to Sell Water in California? Third Party Issues and the Water Market*, 2003, Public Policy Institute of California.

Original ROD Activities
Water Use Efficiency Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
113	R-62	Water Use Efficiency		CBDA	DWR	SWRC B, USBR	Certification of compliance of urban MOU	Implement a process for certification of water suppliers' compliance with the terms of the urban MOU, including implementation of best management practices for urban water conservation	End of 2002	12/31/2002	Started New Completion Date:
174	R-62	Water Use Efficiency		CBDA	DWR	USBR	Program evaluation	Conduct a comprehensive evaluation of the Program's first 4 years, and make appropriate additional State and Federal investments and actions to assure continued aggressive implementation of water use efficiency measures in the State.	December, 2004	12/31/2004	Started New Completion Date: Draft due 08/2005.
175	R-62	Water Use Efficiency		DWR	USBR	CDFA, NRCS	Technical assistance	Provide \$34 million in technical assistance to urban agencies and agricultural districts developing management plans under Urban WM Planning Act and AB 3616 process	First 4 years of Stage 1	12/31/2004	Started New Completion Date: The activity in column 8 is underway. The deadline has changed because this is an ongoing effort and the projected funds have not been made available.
176	R-62	Water Use Efficiency		CBDA	DWR	USBR	Additional investments and actions	Make appropriate additional State and Federal investments and actions to assure continued aggressive implementation of WUE measures in State.	12/31/2004	12/31/2004	Not Started

Original ROD Activities
Water Use Efficiency Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
78	R-60 (Implied)	Water Use Efficiency		DWR	USBR	SWRC B	Loan & Grant Program	Implement an incentive-based program which will provide grants (or cooperative agreements) or loans to the most promising water use efficiency projects including urban, ag, recycling.	First RFP by 1/1/01	1/1/2001	Started New Completion Date: The activity in column 8 is underway. The deadline of 1/1/2001 is implied and no specific deadline was established. One additional PSP for agriculture and urban grants and one for water recycling have been issued and project
193	R-64	Water Use Efficiency		CBDA	DWR	USBR	Annual Report	CALFED will require annual reports from implementing agencies describing progress of implementation efforts.	12/31/2005	12/31/2005	Started:

Original ROD Activities
Environmental Water Account Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
159	E-4	Environmental Water Account	Ecosystem Restoration	USBR	DWR		Environmental Water Account expiration	EWA shall expire <u>unless extended by written agreement among the Management Agencies and the Project Agencies.</u>	30-Sep-04	9/20/2004	Completed. The EWA Agencies completed an evaluation of the efficacy of the EWA during the first four years of implementation, as required by the CALFED ROD. The EWA Agencies signed an MOU on September 30, 2004 to extend the EWA Operating Principles and to continue implementing the EWA through December 31, 2007. The state and federal agencies that are signatories to the Conservation Agreement Regarding the CALFED Bay-Delta Program Multi-Species Conservation Strategy ("Conservation Agreement") signed an amendment to extend the Regulatory Commitments, and related processes, as discussed in Section VII of the Conservation Agreement, through December 31, 2007.
15	E-9	Environmental Water Account	Ecosystem Restoration	USBR	DWR		EWA Finance plan	Financing Plan and draft legislation by EWA management and project agencies.	26-Nov-00	11/26/2000	Completed. Available on the website: http://calwater.ca.gov/Programs/EnvironmentalWaterAccount/adobe_pdf/EWA_Finance_Plan.pdf
11	E-9	Environmental Water Account	Ecosystem Restoration	USBR	DWR		EWA Accounting	EWA Mgt and project agencies shall develop conditions, requirements and water accounting.	End of 2000	12/31/2000	Completed. First Interim Protocols for EWA completed in 2001 modified annually through 2005; http://www.woco.water.ca.gov/calfedops/
12	E-1	Environmental Water Account	Ecosystem Restoration	USBR	DWR		EWA Acquisition	Project agencies will be responsible for acquiring EWA assets for the first year.	First year	12/31/2000	Completed. Assest acquisition strategy is on the web. The 2005 EWA Acquisition strategy is posted on: http://www.woco.water.ca.gov/calfedops/ . The Project Agencies continue to be responsible for acquiring EWA assets.

Original ROD Activities
Environmental Water Account Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
13	E-3	Environmental Water Account	Ecosystem Restoration	USBR	DWR		EWA Acquisition	Project Agencies shall acquire 200,000 AF of stored water or its functional equivalent from south-of-Delta sources.	First year	12/31/2000	Completed. Functional equivalent provided by borrowing water from SWP. See 2004 Interim Protocols at http://www.woco.water.ca.gov/calfedops/
14	R-57	Environmental Water Account	Ecosystem Restoration	USBR	DWR		EWA Asset Development	Secure from willing sellers initial water purchases and lease of groundwater storage <u>by the end of 2000.</u>	12/31/2000	12/31/2000	Completed. List of water acquisitions available on the web: http://calwater.ca.gov/Programs/EnvironmentalWaterAccount/EnvironmentalWaterAccountEnvironmentalDocuments.shtml
49	FAF	Environmental Water Account	Ecosystem Restoration	USBR	DWR		Wildlife Refuges	USBR with participation of State and Federal refuge managers and Grasslands Water District will prepare a refuge water supply and conveyance plan consistent with CVPIA Section 3406 (d). <u>This item is the planning phase of item #95 which is to implement the plan.</u>	June 2001	6/30/2001	Completed. Documents can be found at website: http://www.usbr.gov/mp/cvpia/3406d/env_docs/
95	FAF	Environmental Water Account	Ecosystem Restoration	USBR	DWR		Wildlife Refuges	USBR with participation of State and Federal refuge managers and Grasslands Water District will implement a refuge water supply and conveyance plan consistent with CVPIA Section 3406 (d) <u>This item is the implementation phase of item #49 that was developing the plan.</u>	June 2002	6/30/2002	Completed. http://www.usbr.gov/mp/cvpia/3406d/env_docs/

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Environmental Water Account Program Element

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51	R-40	Environmental Water Account	Ecosystem Restoration	USBR	DWR		EWA	Establish an EWA with an average of 380 TAF of water set aside annually	First years (2001-04)	12/31/2001	Completed. See Chapter 5 of Reinitiation to Consultation Document for water purchase details. http://www.delta.dfg.ca.gov/envcomp/documents/Section%205/Final_Section%205_July%209.pdf See also EWA Acquisition Strategy documents http://wwwoco.water.ca.gov/calfedops/ and the EWA Multi-Year Program Plans http://calwater.ca.gov/Programs/EnvironmentalWaterAccount/EnvironmentalWaterAccount.shtml
101	R-40	Environmental Water Account	Ecosystem Restoration	USBR	DWR		Environmental Water Account (EWA)	Establish an EWA with an average of 380 TAF of water set aside annually	First years (2001-04)	12/31/2002	Completed. See Chapter 5 of Reinitiation to Consultation Document for water purchase details. http://www.delta.dfg.ca.gov/envcomp/documents/Section%205/Final_Section%205_July%209.pdf See also EWA Acquisition Strategy documents http://wwwoco.water.ca.gov/calfedops/ and the EWA Multi-Year Program Plans http://calwater.ca.gov/Programs/EnvironmentalWaterAccount/EnvironmentalWaterAccount.shtml
130	R-40	Environmental Water Account	Ecosystem Restoration	USBR	DWR		EWA	Establish an EWA with an average of 380 TAF of water set aside annually.	First years (2001-04)	12/31/2003	Completed. See Chapter 5 of Reinitiation to Consultation Document for water purchase details. http://www.delta.dfg.ca.gov/envcomp/documents/Section%205/Final_Section%205_July%209.pdf See also EWA Acquisition Strategy documents http://wwwoco.water.ca.gov/calfedops/ and the EWA Multi-Year Program Plans http://calwater.ca.gov/Programs/EnvironmentalWaterAccount/EnvironmentalWaterAccount.shtml

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Environmental Water Account Program Element

Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
160	R-40	Environmental Water Account	Ecosystem Restoration	USBR	DWR		EWA	Establish an EWA with an average of 380 TAF of water set aside annually	First years (2001-04)	12/31/2004	Completed. See Chapter 5 of Reinitiation to Consultation Document for water purchase details. http://www.delta.dfg.ca.gov/envcomp/documents/Section%205/Final_Section%205_July%209.pdf See also EWA Acquisition Strategy documents http://www.woco.water.ca.gov/calfedops/ and the EWA Multi-Year Program Plans http://calwater.ca.gov/Programs/EnvironmentalWaterAccount/EnvironmentalWaterAccount.shtml
185	E-4	Environmental Water Account	Ecosystem Restoration	USBR	DWR		Environmental Water Account after expiration	<u>After assessing the success of and analyzing the impacts from the EWA,</u> Agencies will determine appropriate size and composition of EWA.	Fifth and future years	12/31/2005	Started, Completion date changed. Final EIS/EIR released in January 2004. Web: http://calwater.ca.gov/Programs/EnvironmentalWaterAccount/EIS_EIR_2004/CoverPage.htm The EWA Agencies completed an evaluation of the efficacy of the EWA during the first four years of implementation, as required by the CALFED ROD. The EWA Agencies signed an MOU on September 30, 2004 to extend the EWA Operating Principles and to continue implementing the EWA through December 31, 2007. Analysis supporting a decision on the appropriate size and composition of the EWA past Stage 1 is ongoing and is scheduled for completion in 2007.
237	R-40	Environmental Water Account	Ecosystem Restoration	USBR	DWR		Environmental Water Account	Establish regulatory baseline by delineating existing regulatory requirements and clarifying implementation of specific regulatory actions.	None specified in the ROD	2001	Completed in 2001 and modified annually as appropriate. The outcome is reflected in the EWA Interim Protocols and daily and annual accounting for use of EWA assets. On the web at: http://www.woco.water.ca.gov/calfedops/ .

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Environmental Water Account Program Element

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Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary or Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
238	E-5	Environmental Water Account	Ecosystem Restoration	USBR	DWR		EWA Coordination	Management Agencies and Project agencies will hold regular meetings to share information and ideas and will coordinate their respective activities to optimize the implementation of EWA	None specified in the ROD	Ongoing	Started. Accomplished through Data Assessment Team, EWA Team, b(2) interagency team, Water Operations Management Team and CALFED Operations Group meetings.
52	R-76	Environmental Water Account	Ecosystem Restoration	USBR	DWR		EWA science panel	Appoint an independent science <u>panel</u> for the EWA	Middle of 2001	6/30/2001	Completed. There was an EWA Technical Review Panel convened by the Science Program beginning in 2001 through 2004. A new panel will be established in 2005.

Original ROD Activities
Oversight and Coordination Program Element

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17	I - 13 and IAA - 18	Program	OVERSIGHT & COORDINATION (OC)	CBDA			Annual Report	Submit Annual Report including report on all actions to meet CALFED objectives, as described in ROD.	12/15/00	12/15/2000	Complete:
18	F-10	Program	OC	DWR			Drought Panel	Governor will convene a panel, chaired by the Director of the Dept. of Water Resources, for the purpose of developing a contingency plan to reduce the impacts of critical water shortages.	July 2000	7/31/2000	Complete:
19	R-42	Program	OC	DWR			Drought Panel	Will submit Drought Contingency Plan to Governor	12/31/2000	12/31/2000	Complete:
20	E-5	Program	OC; EWA	CBDA			EWA Action by CALFED Ops Group	Management Agencies and the Project Agencies shall participate in CALFED Ops Group to report regularly on EWAs operations to help resolve issues that may arise and communicate with stakeholders.	Ongoing	9/1/2000	Complete:
21	R-33	Program	OC	CBDA			Environmental Justice	Develop comprehensive environmental justice workplan across all program areas.	12/31/2000	12/31/2000	Complete:
22	E-3	Program	OC	CBDA			Management	Management and Project Agencies shall make all attempts to have all items in place so that ESA commitments may be provided to water users.	12/31/00	12/31/2000	Complete:
23	R-34	Program	OC	CBDA			Permit Clearinghouse	Establish a clearinghouse for obtaining the necessary permits and approvals for implementation	12/31/2000	12/31/2000	Complete:
56	I - 13 and IAA - 18	Program	OC	CBDA			Annual Report	Submit Annual Report including report on all actions to meet CALFED objectives, as described in ROD	By 12/15 annually	12/15/2001	Complete:
57	R-35	Program	OC; EWA	CBDA			Coordinated Operation Agreement	Commence negotiations to modify 1986 CVP/SWQ COA to reflect changes in regulatory standards, operating and EWA	6/30/2001	6/30/2001	Complete:

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Oversight and Coordination Program Element

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Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
58	I - 13, R 4 and IAA - 18	Program	OC	CBDA			Implementation Plan	Review progress in meeting implementation schedule established in Final PEIS/EIR and ROD	By 11/15 annually	11/14/2001	Complete:
60	I - 13 and IAA - 18	Program	OC	CBDA			Objectives and targets	Review progress in meeting CALFED Program objectives and targets	By 11/15 annually	11/14/2001	Complete:
163	I - 13 and IAA - 18	Program	OC	CBDA			Annual Report	Submit Annual Report including report on all actions to meet CALFED objectives, as described in ROD	By Decmeber 15	12/15/2004	Complete:
164	I - 13 and IAA - 18	Program	OC	CBDA			Implementation Plan	Review progress in meeting implementation schedule established in Final PEIS/EIR and ROD	Prior to November 15 each year	11/14/2004	Complete:
165	I - 13 and IAA - 18	Program	OC	CBDA			Objectives and targets	Review progress in meeting CALFED Program objectives and targets	Prior to November 15 each year	11/14/2004	Complete:
187	R-4	Overview	OC	CBDA			Implementation Report	Review the CALFED Program's progress in meeting the implementation schedule.	11/14/2005	11/14/2005	Started:
188	I - 13 and IAA - 18	Program	OC	CBDA			Annual Report	Submit Annual Report including report on all actions to meet CALFED objectives, as described in ROD	By Decmeber 15	12/15/2005	Started:

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Oversight and Coordination Program Element

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189	I - 13 and IAA - 18	Program	OC	CBDA			Implementation Plan	Review progress in meeting implementation schedule established in Final PEIS/EIR and ROD	Prior to November 15 each year	11/14/2005	Started:
190	I - 13 and IAA - 18	Program	OC	CBDA			Objectives and targets	Review progress in meeting CALFED Program objectives and targets	Prior to November 15 each year	11/14/2005	Started:
200	I - 13, R 4 and IAA - 18	Program	OC	CBDA			Annual Report	Submit Annual Report including report on all actions to meet CALFED objectives, as described in ROD	By Decmeber 15	12/15/2006	Started:
201	I - 13, R 4 and IAA - 18	Program	OC	CBDA			Implementation Plan	Review progress in meeting implementation schedule established in Final PEIS/EIR and ROD	Prior to November 15 each year	11/14/2006	Started:
203	I - 13 and IAA - 18	Program	OC	CBDA			Objectives and targets	Review progress in meeting CALFED Program objectives and targets	Prior to November 15 each year	11/14/2006	Not Started:
204	R-64	Program	OC	CBDA				CALFED will require annual reports from implementing agencies describing progress of implementation efforts.	12/31/2006	12/31/2006	Not Started:
226	I - 13 and IAA - 18	Program	OC	CBDA			Annual Report	Submit Annual Report including report on all actions to meet CALFED objectives, as described in ROD	By Decmeber 15	12/15/2007	Not Started:

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Oversight and Coordination Program Element

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Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
227	I - 13 and IAA - 18	Program	OC	CBDA			Implementation Plan	Review progress in meeting implementation schedule established in Final PEIS/EIR and ROD	Prior to November 15 each year	11/14/2007	Not Started:
229	I - 13 and IAA - 18	Program	OC	CBDA			Objectives and targets	Review progress in meeting CALFED Program objectives and targets	Prior to November 15 each year	11/14/2007	Not Started:
242	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	CALFED will submit annual workplan to Policy Group	8/27/01	8/27/01	Complete:
243	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	CALFED will submit annual workplan to Policy Group	8/27/02	8/27/02	Complete:
244	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	CALFED will submit annual workplan to Policy Group	8/27/03	8/27/03	Complete:
245	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	CALFED will submit annual workplan to Policy Group	8/27/04	8/27/04	Complete:
246	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	CALFED will submit annual workplan to Policy Group	8/27/05	8/27/05	Started:
247	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	CALFED will submit annual workplan to Policy Group	8/27/06	8/27/06	Not Started:

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Oversight and Coordination Program Element

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248	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	CALFED will submit annual workplan to Policy Group	8/27/07	8/27/07	Not Started:
249	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Review annual and long-term priorities, workplans and proposed budgets.	8/27/01	8/27/01	Complete:
250	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Review annual and long-term priorities, workplans and proposed budgets.	8/27/02	8/27/02	Complete:
251	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Review annual and long-term priorities, workplans and proposed budgets.	8/27/03	8/27/03	Complete:
252	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Review annual and long-term priorities, workplans and proposed budgets.	8/27/04	8/27/04	Complete:
253	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Review annual and long-term priorities, workplans and proposed budgets.	8/27/05	8/27/05	Started:
254	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Review annual and long-term priorities, workplans and proposed budgets.	8/27/06	8/27/06	Not Started:
255	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Review annual and long-term priorities, workplans and proposed budgets.	8/27/07	8/27/07	Not Started:
256	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Agencies with funding authority will review and provide final approval	8/27/01	8/27/01	Complete:

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Item #	Document and Page #	Program Element (Primary)	Program Element (Secondary of Linkage)	Agency Responsible (1)	Agency Responsible (2)	Agency Responsible (3)	Activity	DESCRIPTION OF ACTION	Deadline as stated in documents	Deadline	Status
257	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Agencies with funding authority will review and provide final approval	8/27/02	8/27/02	Complete:
258	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Agencies with funding authority will review and provide final approval	8/27/03	8/27/03	Complete:
259	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Agencies with funding authority will review and provide final approval	8/27/04	8/27/04	Complete:
260	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Agencies with funding authority will review and provide final approval	8/27/05	8/27/05	Started:
261	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Agencies with funding authority will review and provide final approval	8/27/06	8/27/06	Not Started:
262	IAA-18	Program	OC	CBDA			Category A Priorities, Workplans and Budgets	Agencies with funding authority will review and provide final approval	8/27/07	8/27/07	Not Started:

Explanation of Columns Headings on ROD Activities and Complementary Actions Worksheets

The following table is provided to help reviewers:

1. Understand what information is described in each column of the ROD Activities and Complementary Actions Worksheets; and
2. Understand what information the reviewer should add to the table.

The reviewer should pay particular attention to the following shaded rows. Yes, identifying a row with a column number (e.g. Columns 3 and 4) is a bit confusing:

- Columns 3 and 4. Identify the program element(s) that are involved with the activity. Please ensure the correct element is identified in column 3. If there is another element involved in this effort or the effort is closely linked to another element, please identify that element in column 4.
- Columns 5, 6 and 7. Identify the lead agencies responsible for undertaking this activity. Please ensure all agencies with lead responsibility for this activity are identified in these columns.
- Column 12. **This is the most important column.** Identify the status of the activity. You should select one of the 10 categories noted below to put into this column along with any additional information needed to help the reader understand the status. If you have questions, please contact Rick Breitenbach at (916-445-0144)

COLUMN	TITLE	EXPLANATION
1	Item Number	
2	Document and Page Number.	The letter(s) and number combination in this column, for example R-51, refer to the document (R=ROD) and page number (51) in the ROD.
3 and 4	Program Element.	Identifies the program(s) element associated with the activity. Please check to see that the appropriate element(s) is listed.
5, 6 and 7	Agency Responsible	Identifies which agency(s) is responsible for undertaking the effort. Please check to see that the appropriate agency(s) is listed.
8	Action.	An abbreviated description of the action.
9	Description of the Action.	A more detailed description of the action.
10	Deadline as stated in the document.	Deadline as stated in the document.
11	Deadline	An interpretation of the deadline described in the document. For example, the activity was to be "completed in the first year" was interpreted to mean 12/31/00.

COLUMN	TITLE	EXPLANATION
12	Status.	<p>Insert one of the following underlined terms, as appropriate, into 12. In addition, add the requested information in the column. If documents were produced, add the title:</p> <p><u>Complete</u> –The activity described in 8 has been completed.</p> <p><u>Started</u> – The activity in 8 is underway and will be completed by the deadline in 11.</p> <p><u>Started -New completion date</u> - The activity in 8 is underway. The deadline has changed. Identify why the deadline changed and the new deadline.</p> <p><u>Started -Change</u> – The activity in 8 has been modified, underway and will be completed by the deadline in 11. Identify why the activity changed and describe the new activity.</p> <p><u>Started -Change-New completion date</u> - The activity in 8 has been modified, is underway and has a new completion date. Identify why the activity changed, describe the new activity and the new completion date.</p> <p><u>Not Started</u> - The activity in 8 has not started. The deadline has not changed.</p> <p><u>Not Started- New Completion Date</u> - The activity in 8 has not started and the deadline has changed. Identify why the schedule changed, when the activity will start and the new deadline.</p> <p><u>Not Started-Change</u> - The activity in 8 has not started and has been modified. Identify why the activity changed and the deadline.</p> <p><u>Not Started -Change-New completion date</u> - The activity in 8 has not started, has been modified and has a new completion date. Identify why the activity changed, describe the new activity and the new completion date.</p> <p><u>Suspended</u> – The activity in 8 will not be completed. Indicate why the activity will not be completed.</p>